

# AP Computer Science Principles: Personalized Project Reference Tip Sheet

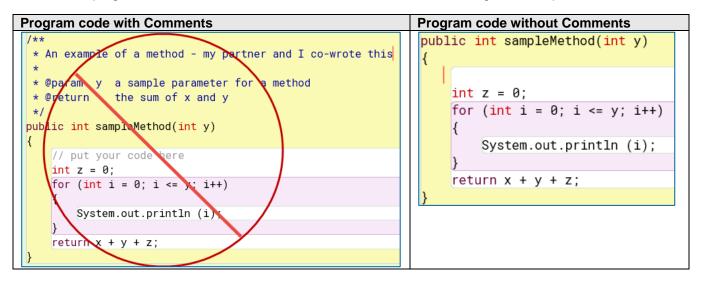
December 2023

## **Screen Captures of Code**

This document provides students and teachers with some helpful advice for how to create screen captures for their Personalized Project Reference. This advice is to help students adhere to the guidelines for the creation of the Personalized Project Reference and create a readable document that can be used on exam day.

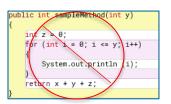
#### Do not include comments in your screen captures.

- Program code that includes comments will result in students receiving zero points on the written response portion of the exam.
- Select the program code below the comments or remove them before creating screen captures.

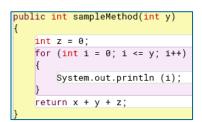


#### **Font Size**

- Ensure that the font size used in the code when taking the screen capture is at least 10-point font. The use of 12-point font is even better.
  - 8-point font



10-point font



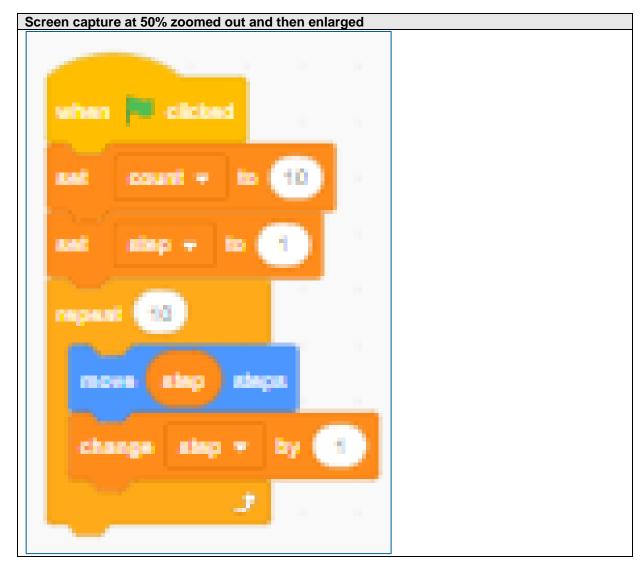
12-pont font

```
public int sampleMethod(int y)
{
    int z = 0;
    for (int i = 0; i <= y; i++)
    {
        System.out.println (i);
    }
    return x + y + z;
}</pre>
```



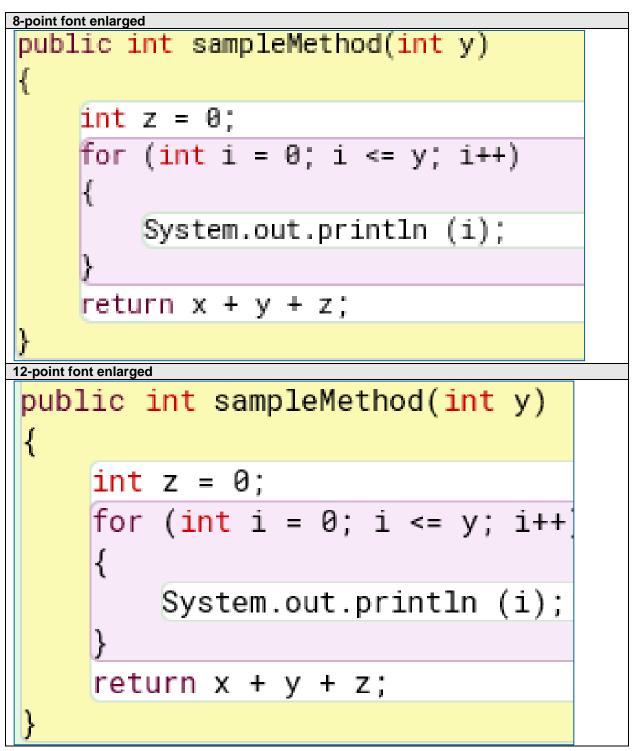
#### **Zooming Images**

• Do not zoom out the code prior to taking the screen capture and try to enlarge it later. The screen capture will be blurry.





• Enlarging the image to increase the font size can make the image blurry.



### Long Program Code Segments

• Each image box allows up to three screen captures. For long code segments, take screen captures in sections of your block of code.

void word2binary() {             cout << azm[0];             if (x == "s")             cout << azm[1];             if (x == "s")             cout << azm[2];             if (x == "s")             cout << azm[2];             if (x == "s")             cout << azm[3];             if (x == "s")             cout << azm[3];             if (x == "s")             cout << azm[3];             cout << azm[3];             cout << azm[4];             if (x == "s")             cout << azm[6];             if (x == "s")             cout << azm[1];             if (x == "s")             cout << azm[1];            if (x == "s")             cout << azm[1];             if (x == "s")             cout << azm[1];             if (x == "s")             cout << azm[1];             if (x == "s")             cout << azm[1];             if (x == "s")             cout << azm[1];             if (x == "s")             cout << azm[1];             if (x == "s")             cout << azm[1];             if (x == "s")             cout << azm[1];             if (x == "s")             cout << azm[1];             if (x == "s")	Long code segment with one screen captu	re Long code segment with three screen captures
cout << "";       cout << "";       cout << "";         if (x == "a")       cout << azm[0];       if (x == "a")         cout << azm[1];       if (x == "a")       cout << azm[0];         if (x == "a")       cout << azm[1];       if (x == "a")         cout << azm[2];       if (x == "a")       cout << azm[1];         if (x == "a")       cout << azm[2];       if (x == "a")         cout << azm[1];       cout << azm[1];       if (x == "a")         cout << azm[1];       if (x == "a")       cout << azm[1];         if (x == "a")       cout << azm[1];       if (x == "a")         cout << azm[1];       if (x == "a")       cout << azm[1];         if (x == "a")       cout << azm[1];       if (x == "a")         cout << azm[1];       if (x == "a")       cout << azm[1];         if (x == "a")       cout << azm[1];       if (x == "a")         cout << azm[1];       if (x == "a")       cout << azm[1];         if (x == "a")       cout << azm[1];       if (x == "a")         cout << azm[1];       if (x == "a")       cout << azm[1];         if (x == "a")       cout << azm[1];       if (x == "a")         cout << azm[1];       if (x == "a")       cout << azm[1];         if (x == "a")       cout << azm[1];       i		
<pre>if (x == "a") cout &lt;&lt; azm[0]; if (x == "c") cout &lt;&lt; azm[2]; if (x == "c") cout &lt;&lt; azm[2]; if (x == "c") cout &lt;&lt; azm[2]; if (x == "c") cout &lt;&lt; azm[3]; if (x == "a") cout &lt;&lt; azm[3]; if (x == "a") cout &lt;&lt; azm[4]; if (x == "a") cout &lt;&lt; azm[6]; if (x == "a") cout &lt;&lt; azm[1]; if (x == "a") cout &lt;&lt; azm[2]; if (x == "a") cout &lt;&lt; a</pre>		
$\begin{array}{c} \operatorname{cout} << \operatorname{a2m}[0]; \\ \mathrm{if} (x == "b") \\ \operatorname{cout} << \operatorname{a2m}[1]; \\ \mathrm{if} (x == "c") \\ \operatorname{cout} << \operatorname{a2m}[2]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[3]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[3]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[4]; \\ \mathrm{if} (x == "f") \\ \operatorname{cout} << \operatorname{a2m}[5]; \\ \mathrm{if} (x == "f") \\ \operatorname{cout} << \operatorname{a2m}[6]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[6]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[6]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[6]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[6]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[6]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[6]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[6]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[6]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[6]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[1]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[1]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[1]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[1]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[1]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[1]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[1]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[1]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[1]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[1]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[1]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[1]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[1]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[1]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[1]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[1]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[1]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[1]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[1]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[1]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[1]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[1]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[2]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[2]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[2]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[2]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[2]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[2]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[2]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[2]; \\ \mathrm{if} (x == "a") \\ \operatorname{cout} << \operatorname{a2m}[$		
<pre>if (x == "b") ["]; cout &lt;&lt; azm[1]; if (x == "c") cout &lt;&lt; azm[2]; if (x == "c") cout &lt;&lt; azm[2]; if (x == "c") cout &lt;&lt; azm[3]; if (x == "a") cout &lt;&lt; azm[4]; if (x == "e") cout &lt;&lt; azm[6]; if (x == "f") cout &lt;&lt; azm[6]; if (x == "s") cout &lt;&lt; azm[1]; cout &lt;&lt; azm[1]; if (x == "s") cout &lt;&lt; azm[1]; if (x == "s") cout &lt;&lt; azm[1]; if (x == "n") cout &lt;&lt; azm[2]; if (x == "</pre>		
$\begin{array}{c} \mbox{cout} << \mbox{alg}[1]; \\ \mbox{if} (x == "c") \\ \mbox{cout} << \mbox{alg}[2]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[3]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[3]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[3]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[3]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[3]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[6]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[6]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[6]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[6]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[6]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[6]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[6]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[6]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[6]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[6]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[6]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[6]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[6]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[6]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[6]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[1]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[1]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[1]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[1]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[1]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[1]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[1]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[1]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[1]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[1]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[1]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[1]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[1]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[1]; \\ \mbox{if} (x == "d") \\ \mbox{cout} << \mbox{alg}[1]; \\ \mbox{if} (x == "d") \\ \mbo$		
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$\begin{array}{c} cout << azm[2]; \\ cout << azm[2]; \\ if (x == "a") \\ cout << azm[3]; \\ if (x == "e") \\ cout << azm[4]; \\ if (x == "e") \\ cout << azm[5]; \\ if (x == "g") \\ cout << azm[5]; \\ if (x == "g") \\ cout << azm[6]; \\ if (x == "n") \\ cout << azm[6]; \\ if (x == "n") \\ cout << azm[8]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "i") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[1]; \\ if (x == "n") \\ cout << azm[2]; \\ if (x == "n") \\ cout << azm[2]; \\ if (x == "n") \\ cout << azm[2]; \\ if (x == "n") \\ cout << azm[2]; \\ if (x == "n") \\ cout << azm[2]; \\ if (x == "n") \\ cout << azm[2]; \\ if (x == "n") \\ cout << azm[2]; \\ if (x == "n") \\ cout << azm[2]; \\ if (x == "n") \\ cout << azm[2]; \\ if (x == "n") \\ cout << azm[2]; \\ if (x == "n") \\ cout << azm[2]; \\ if (x == "n") \\ cout << azm[2]; \\ if (x == "n") \\ cout << azm[2]; \\ if (x == "n") \\ cout << azm[2]; \\ if (x == "n") \\ cout << azm[2]; \\ if (x == "n") \\ cout << azm[2]; \\ if (x == "n") \\ cout << azm[2];$		
$ \begin{aligned} & \text{for } (x = - "d") & \text{for } (x = - "d') & \text{for } (x = - $		
<pre>cout &lt;&lt; a2m[3]; if (x == "e") cout &lt;&lt; a2m[4]; if (x == "g") cout &lt;&lt; a2m[5]; if (x == "g") cout &lt;&lt; a2m[6]; if (x == "n") cout &lt;&lt; a2m[8]; if (x == "i") cout &lt;&lt; a2m[9]; if (x == "i") cout &lt;&lt; a2m[10]; if (x == "i") cout &lt;&lt; a2m[11]; if (x == "n") cout &lt;&lt; a2m[12]; if (x == "n") cout &lt;&lt; a2m[13]; if (x == "n") cout &lt;&lt; a2m[13]; if (x == "n") cout &lt;&lt; a2m[13]; if (x == "n") cout &lt;&lt; a2m[12]; if (x == "n") cout &lt;&lt; a2m[13]; if (x == "n") cout &lt;&lt; a2m[13]; if (x == "n") cout &lt;&lt; a2m[13]; if (x == "n") cout &lt;&lt; a2m[12]; if (x == "n") cout &lt;&lt; a2m[12]; if (x == "n") cout &lt;&lt; a2m[13]; if (x == "n") cout &lt;&lt; a2m[21]; if (x == "n") cout</pre>		
<pre>cout &lt;&lt; a2m[3]; if (x == "e") cout &lt;&lt; a2m[4]; if (x == "f") cout &lt;&lt; a2m[5]; if (x == "g") cout &lt;&lt; a2m[6]; if (x == "i") cout &lt;&lt; a2m[6]; if (x == "i") cout &lt;&lt; a2m[7]; if (x == "i") cout &lt;&lt; a2m[8]; if (x == "i") cout &lt;&lt; a2m[8]; if (x == "i") cout &lt;&lt; a2m[1]; if (x == "i") cout &lt;&lt; a2m[1]; if (x == "m") cout &lt;&lt; a2m[12]; if (x == "n") cout &lt;&lt; a2m[22]; if (x == "n") cout &lt;&lt; a2m[23]; if (x == "n") cout</pre>		
<pre>cout &lt;&lt; a2m[4]; if (x == "f") cout &lt;&lt; a2m[5]; if (x == "n") cout &lt;&lt; a2m[6]; if (x == "i") cout &lt;&lt; a2m[8]; if (x == "i") cout &lt;&lt; a2m[8]; if (x == "i") cout &lt;&lt; a2m[9]; if (x == "i") cout &lt;&lt; a2m[10]; if (x == "i") cout &lt;&lt; a2m[11]; if (x == "n") cout &lt;&lt; a2m[12]; if (x == "n") cout &lt;&lt; a2m[13]; if (x == "x") cout &lt;&lt; a2m[13]; if (x == "x") cout &lt;&lt; a2m[21]; if (x == "x") cout &lt;&lt; a2m[22]; if (x == "x") cout &lt;&lt; a2m[23]; if (x == "x") c</pre>		
<pre>if (x == "r") ''''''''''''''''''''''''''''''''''</pre>		<pre>cout &lt;&lt; a2m[4];</pre>
<pre>cout &lt;&lt; a2m[5]; if (x == "g") cout &lt;&lt; a2m[6]; if (x == "i") cout &lt;&lt; a2m[7]; if (x == "i") cout &lt;&lt; a2m[8]; if (x == "i") cout &lt;&lt; a2m[9]; if (x == "j") cout &lt;&lt; a2m[9]; if (x == "i") cout &lt;&lt; a2m[10]; if (x == "n") cout &lt;&lt; a2m[11]; if (x == "n") cout &lt;&lt; a2m[12]; if (x == "n") cout &lt;&lt; a2m[13]; cout &lt;&lt; a2m[13]; if (x == "n") cout &lt;&lt; a2m[16]; if (x == "n") cout &lt;&lt; a2m[16]; if (x == "n") cout &lt;&lt; a2m[16]; if (x == "n") cout &lt;&lt; a2m[17]; if (x == "n") cout &lt;&lt; a2m[18]; if (x == "n") cout &lt;&lt; a2m[19]; if (x == "n") cout &lt;&lt; a2m[21]; if (x == "n") cout &lt;&lt; a2m[21]; if (x == "n") cout &lt;&lt; a2m[22]; if (x == "x") cout &lt;&lt; a2m[22]</pre>		if (x == "f")
<pre>if (x == "g")</pre>		cout << a2m[5];
cout << a2m[6];       if (x == "h")         if (x == "h")       cout << a2m[7];         if (x == "h")       cout << a2m[8];         if (x == "j")       cout << a2m[8];         cout << a2m[9];       if (x == "j")         if (x == "i")       cout << a2m[1];         if (x == "n")       cout << a2m[10];         if (x == "n")       cout << a2m[11];         cout << a2m[12];       if (x == "n")         cout << a2m[13];       if (x == "n")         cout << a2m[14];       if (x == "n")         cout << a2m[15];       if (x == "n")         cout << a2m[16];       if (x == "n")         cout << a2m[16];       if (x == "n")         cout << a2m[16];       if (x == "n")         cout << a2m[17];       if (x == "n")         cout << a2m[18];       if (x == "n")         cout << a2m[20];		if (x == "g")
<pre>if (x == "n")     cout &lt;&lt; a2m[7];     if (x == "i")     cout &lt;&lt; a2m[8];     if (x == "j")     cout &lt;&lt; a2m[9];     if (x == "k")     cout &lt;&lt; a2m[10];     if (x == "n")     cout &lt;&lt; a2m[11];     if (x == "n")     cout &lt;&lt; a2m[12];     if (x == "n")     cout &lt;&lt; a2m[12];     if (x == "n")     cout &lt;&lt; a2m[13];     if (x == "n")     cout &lt;&lt; a2m[15];     if (x == "n")     cout &lt;&lt; a2m[15];     if (x == "n")     cout &lt;&lt; a2m[16];     if (x == "n")     cout &lt;&lt; a2m[16];     if (x == "n")     cout &lt;&lt; a2m[17];     if (x == "n")     cout &lt;&lt; a2m[18];     if (x == "n")     cout &lt;&lt; a2m[18];     if (x == "n")     cout &lt;&lt; a2m[19];     if (x == "n")     cout &lt;&lt; a2m[10];     if (x == "n")     cout &lt;&lt; a2m[20];     if (x == "n")</pre>		<pre>cout &lt;&lt; a2m[6];</pre>
<pre>cout &lt;&lt; a2m[7]; if (x == "i") cout &lt;&lt; a2m[8]; if (x == "j") cout &lt;&lt; a2m[9]; if (x == "k") cout &lt;&lt; a2m[10]; if (x == "k") cout &lt;&lt; a2m[11]; if (x == "n") cout &lt;&lt; a2m[11]; if (x == "n") cout &lt;&lt; a2m[12]; if (x == "n") cout &lt;&lt; a2m[12]; if (x == "n") cout &lt;&lt; a2m[13]; if (x == "n") cout &lt;&lt; a2m[14]; if (x == "n") cout &lt;&lt; a2m[15]; if (x == "n") cout &lt;&lt; a2m[16]; if (x == "n") cout &lt;&lt; a2m[17]; if (x == "n") cout &lt;&lt; a2m[16]; if (x == "n") cout &lt;&lt; a2m[17]; if (x == "n") cout &lt;&lt; a2m[17]; if (x == "n") cout &lt;&lt; a2m[16]; if (x == "n") cout &lt;&lt; a2m[17]; if (x == "n") cout &lt;&lt; a2m[16]; if (x == "n") cout &lt;&lt; a2m[17]; if (x == "n") cout &lt;&lt; a2m[18]; if (x == "n") cout &lt;&lt; a2m[16]; if (x == "n") cout &lt;&lt; a2m[18]; if (x == "n") cout &lt;&lt; a2m[18]; if (x == "n") cout &lt;&lt; a2m[16]; if (x == "n") cout &lt;&lt; a2m[18]; if (x == "n") cout &lt;&lt; a2m[18]; if (x == "n") cout &lt;&lt; a2m[16]; if (x == "n") cout &lt;&lt; a2m[18]; if (x == "n") cout &lt;&lt; a2m[19]; cout &lt;&lt; a2m[20]; if (x == "n") cout &lt;&lt; a2m[21]; if (x == "n") cout &lt;&lt; a2m[21]; if (x == "n") cout &lt;&lt; a2m[22]; if (x == "n") cout &lt;&lt; a2m[21]; if (x == "n") cout &lt;&lt; a2m[22]; if (x == "n") cout &lt;&lt; a2m[23]; if (x == "n") cout &lt;&lt; a2m[</pre>		if (x == "h")
cout << azm[7];       if (x == "i")         if (x == "i")       cout << azm[8];         if (x == "i")       cout << azm[8];         if (x == "k")       cout << azm[9];         cout << azm[10];       cout << azm[10];         if (x == "n")       cout << azm[11];         cout << azm[12];       if (x == "i")         cout << azm[12];       if (x == "n")         cout << azm[12];       if (x == "m")         cout << azm[12];       if (x == "n")         cout << azm[13];       if (x == "n")         cout << azm[13];       if (x == "n")         cout << azm[13];       if (x == "n")         cout << azm[14];       if (x == "n")         cout << azm[15];       if (x == "n")         cout << azm[16];       if (x == "n")         cout << azm[16];       if (x == "n")         cout << azm[16];       if (x == "n")         cout << azm[17];       if (x == "n")         cout << azm[18];       if (x == "n")         cout << azm[19];       if (x == "n")         cout << azm[19];       if (x == "n")         cout << azm[21];		<pre>cout &lt;&lt; a2m[7];</pre>
<pre>if (x == "i")     cout &lt;&lt; a2m[8];     if (x == "j")     cout &lt;&lt; a2m[9];     if (x == "k")     cout &lt;&lt; a2m[10];     if (x == "l")     cout &lt;&lt; a2m[11];     if (x == "l")     cout &lt;&lt; a2m[12];     if (x == "n")     cout &lt;&lt; a2m[13];     cout &lt;&lt; a2m[13];     if (x == "n")     cout &lt;&lt; a2m[14];     if (x == "n")     cout &lt;&lt; a2m[13];     if (x == "n")     cout &lt;&lt; a2m[14];     if (x == "n")     cout &lt;&lt; a2m[15];     if (x == "n")     cout &lt;&lt; a2m[16];     if (x == "n")     cout &lt;&lt; a2m[17];     if (x == "n")     cout &lt;&lt; a2m[18];     if (x == "n")     cout &lt;&lt; a2m[18];     if (x == "n")     cout &lt;&lt; a2m[12];     if (x == "n")     cout &lt;&lt; a2m[20];     if (x == "n")     cout &lt;&lt; a2m[21];     if (x == "n")     cout &lt;&lt; a2m[21]</pre>		
<pre>cout &lt;&lt; azm[8]; if (x == "j") cout &lt;&lt; azm[9]; if (x == "k") cout &lt;&lt; azm[10]; if (x == "l") cout &lt;&lt; azm[11]; if (x == "l") cout &lt;&lt; azm[12]; if (x == "n") cout &lt;&lt; azm[12]; if (x == "n") cout &lt;&lt; azm[13]; cout &lt;&lt; azm[13]; if (x == "n") cout &lt;&lt; azm[13]; if (x == "n") cout &lt;&lt; azm[14]; if (x == "n") cout &lt;&lt; azm[15]; if (x == "q") cout &lt;&lt; azm[16]; if (x == "n") cout &lt;&lt; azm[16]; if (x == "n") cout &lt;&lt; azm[16]; if (x == "n") cout &lt;&lt; azm[17]; if (x == "s") cout &lt;&lt; azm[18]; if (x == "s") cout &lt;&lt; azm[20]; if (x == "y") cout &lt;&lt; azm[21]; if (x == "y") cout &lt;&lt; azm[22]; if (x == "y") cout &lt;&lt; azm[21]; if (x == "y") cout &lt;&lt; azm[22]; if (x == "z") cout &lt;&lt; azm[23]; if (x == "z") cout &lt;&lt; azm[24]; if (x == "z") cout &lt;&lt; azm[23]; if (x == "z") cout &lt;&lt; azm</pre>		
<pre>cout &lt;&lt; a2m[9]; if (x == "k") cout &lt;&lt; a2m[10]; if (x == "l") cout &lt;&lt; a2m[11]; cout &lt;&lt; a2m[12]; if (x == "n") cout &lt;&lt; a2m[12]; if (x == "n") cout &lt;&lt; a2m[13]; if (x == "n") cout &lt;&lt; a2m[14]; if (x == "n") cout &lt;&lt; a2m[14]; if (x == "n") cout &lt;&lt; a2m[15]; if (x == "n") cout &lt;&lt; a2m[16]; if (x == "r") cout &lt;&lt; a2m[16]; if (x == "r") cout &lt;&lt; a2m[17]; if (x == "r") cout &lt;&lt; a2m[18]; if (x == "r") cout &lt;&lt; a2m[18]; if (x == "v") cout &lt;&lt; a2m[18]; if (x == "v") cout &lt;&lt; a2m[20]; if (x == "x") cout &lt;&lt; a2m[21]; if (x == "x") cout &lt;&lt; a2m[22]; if (x == "x") cout &lt;&lt; a2m[23]; if (x == "x") cout &lt;&lt; a2</pre>		
<pre>cout &lt;&lt; a2m[9]; if (x == "k") cout &lt;&lt; a2m[10]; if (x == "1") cout &lt;&lt; a2m[11]; if (x == "n") cout &lt;&lt; a2m[12]; if (x == "n") cout &lt;&lt; a2m[12]; if (x == "n") cout &lt;&lt; a2m[13]; if (x == "n") cout &lt;&lt; a2m[13]; if (x == "n") cout &lt;&lt; a2m[14]; cout &lt;&lt; a2m[14]; if (x == "p") cout &lt;&lt; a2m[16]; if (x == "p") cout &lt;&lt; a2m[16]; if (x == "p") cout &lt;&lt; a2m[16]; if (x == "n") cout &lt;&lt; a2m[17]; if (x == "n") cout &lt;&lt; a2m[17]; if (x == "n") cout &lt;&lt; a2m[17]; if (x == "n") cout &lt;&lt; a2m[18]; if (x == "x") cout &lt;&lt; a2m[20]; if (x == "x") cout &lt;&lt; a2m[21]; if (x == "x") cout &lt;&lt; a2m[21]; if (x == "x") cout &lt;&lt; a2m[22]; if (x == "x") cout &lt;&lt; a2m[23]; if (x == "z")</pre>		<pre>cout &lt;&lt; a2m[9];</pre>
<pre>cout &lt;&lt; a2m[10]; if (x == "1") cout &lt;&lt; a2m[11]; if (x == "m") cout &lt;&lt; a2m[12]; if (x == "n") cout &lt;&lt; a2m[12]; if (x == "n") cout &lt;&lt; a2m[13]; cout &lt;&lt; a2m[13]; if (x == "n") cout &lt;&lt; a2m[14]; if (x == "p") cout &lt;&lt; a2m[15]; if (x == "q") cout &lt;&lt; a2m[16]; if (x == "r") cout &lt;&lt; a2m[16]; if (x == "r") cout &lt;&lt; a2m[16]; if (x == "r") cout &lt;&lt; a2m[17]; if (x == "r") cout &lt;&lt; a2m[18]; if (x == "u") cout &lt;&lt; a2m[19]; if (x == "u") cout &lt;&lt; a2m[19]; if (x == "u") cout &lt;&lt; a2m[19]; if (x == "u") cout &lt;&lt; a2m[12]; if (x == "r") cout &lt;&lt; a2m[16]; if (x == "r") cout &lt;&lt; a2m[17]; if (x == "u") cout &lt;&lt; a2m[18]; if (x == "u") cout &lt;&lt; a2m[19]; if (x == "u") cout &lt;&lt; a2m[20]; if (x == "u") cout &lt;&lt; a2m[21]; if (x == "u") cout &lt;&lt; a2m[22]; if (x == "u") cout &lt;&lt; a2m[21]; if (x == "u") cout &lt;&lt; a2m[21]; if (x == "u") cout &lt;&lt; a2m[21]; if (x == "u") cout &lt;&lt; a2m[22]; if (x == "u") cout &lt;&lt; a2m[24]; if (x == "u") cout &lt;&lt; a</pre>		
<pre>if (x == "1")     cout &lt;&lt; a2m[11];     cout &lt;&lt; a2m[11];     if (x == "m")     cout &lt;&lt; a2m[12];     if (x == "n")     cout &lt;&lt; a2m[13];     if (x == "n")     cout &lt;&lt; a2m[13];     if (x == "n")     cout &lt;&lt; a2m[14];     if (x == "n")     cout &lt;&lt; a2m[15];     if (x == "q")     cout &lt;&lt; a2m[15];     if (x == "q")     cout &lt;&lt; a2m[16];     if (x == "q")     cout &lt;&lt; a2m[16];     if (x == "r")     cout &lt;&lt; a2m[17];     if (x == "s")     cout &lt;&lt; a2m[17];     if (x == "s")     cout &lt;&lt; a2m[18];     if (x == "r")     cout &lt;&lt; a2m[17];     if (x == "s")     cout &lt;&lt; a2m[18];     if (x == "r")     cout &lt;&lt; a2m[19];     if (x == "u")     cout &lt;&lt; a2m[19];     if (x == "u")     cout &lt;&lt; a2m[20];     if (x == "u")     cout &lt;&lt; a2m[21];     if (x == "x")     cout &lt;&lt; a2m[21];     if (x == "x")     cout &lt;&lt; a2m[22];     if (x == "x")     cout &lt;&lt; a2m[22];     if (x == "z")     cout &lt;&lt; a2m[23];     if (x == "z")     cout &lt;&lt; a2m[2</pre>		<pre>cout &lt;&lt; a2m[10];</pre>
<pre>cout &lt;&lt; a2m[11]; if (x == "m") cout &lt;&lt; a2m[12]; if (x == "m") cout &lt;&lt; a2m[12]; if (x == "n") cout &lt;&lt; a2m[13]; if (x == "n") cout &lt;&lt; a2m[13]; if (x == "n") cout &lt;&lt; a2m[14]; if (x == "n") cout &lt;&lt; a2m[15]; if (x == "n") cout &lt;&lt; a2m[16]; if (x == "n") cout &lt;&lt; a2m[17]; if (x == "r") cout &lt;&lt; a2m[18]; if (x == "s") cout &lt;&lt; a2m[18]; if (x == "s") cout &lt;&lt; a2m[19]; if (x == "t") cout &lt;&lt; a2m[19]; if (x == "x") cout &lt;&lt; a2m[21]; if (x == "x") cout &lt;&lt; a2m[21]; if (x == "x") cout &lt;&lt; a2m[22]; if (x == "x") cout &lt;&lt; a2m[23]; if (x == "z")</pre>		if (x == "l")
<pre>if (x == "m") cout &lt;&lt; a2m[12]; if (x == "n") cout &lt;&lt; a2m[13]; if (x == "n") cout &lt;&lt; a2m[13]; if (x == "n") cout &lt;&lt; a2m[14]; if (x == "p") cout &lt;&lt; a2m[14]; if (x == "p") cout &lt;&lt; a2m[15]; if (x == "q") cout &lt;&lt; a2m[16]; if (x == "q") cout &lt;&lt; a2m[16]; if (x == "r") cout &lt;&lt; a2m[17]; if (x == "s") cout &lt;&lt; a2m[18]; if (x == "s") cout &lt;&lt; a2m[18]; if (x == "u") cout &lt;&lt; a2m[19]; if (x == "u") cout &lt;&lt; a2m[20]; if (x == "y") cout &lt;&lt; a2m[21]; if (x == "y") cout &lt;&lt; a2m[22]; if (x == "y") cout &lt;&lt; a2m[22]; if (x == "y") cout &lt;&lt; a2m[23]; if (x == "z")</pre>		<pre>cout &lt;&lt; a2m[11];</pre>
<pre>cout &lt;&lt; a2m[12]; if (x == "n") cout &lt;&lt; a2m[13]; if (x == "o") cout &lt;&lt; a2m[14]; if (x == "p") cout &lt;&lt; a2m[15]; if (x == "q") cout &lt;&lt; a2m[16]; if (x == "r") cout &lt;&lt; a2m[16]; if (x == "r") cout &lt;&lt; a2m[17]; if (x == "r") cout &lt;&lt; a2m[18]; if (x == "t") cout &lt;&lt; a2m[18]; if (x == "t") cout &lt;&lt; a2m[18]; if (x == "t") cout &lt;&lt; a2m[18]; if (x == "u") cout &lt;&lt; a2m[20]; if (x == "x") cout &lt;&lt; a2m[21]; if (x == "x") cout &lt;&lt; a2m[21]; if (x == "x") cout &lt;&lt; a2m[22]; if (x == "x") cout &lt;&lt; a2m[23]; if (x == "z")</pre>		if (x == "m")
<pre>if (x == "n")     cout &lt;&lt; a2m[13];     if (x == "o")     cout &lt;&lt; a2m[14];     if (x == "p")     cout &lt;&lt; a2m[15];     if (x == "q")     cout &lt;&lt; a2m[16];     if (x == "r")     cout &lt;&lt; a2m[16];     if (x == "s")     cout &lt;&lt; a2m[17];     if (x == "s")     cout &lt;&lt; a2m[18];     if (x == "u")     cout &lt;&lt; a2m[19];     if (x == "u")     cout &lt;&lt; a2m[20];     if (x == "x")     cout &lt;&lt; a2m[20];     if (x == "x")     cout &lt;&lt; a2m[21];     if (x == "y")     cout &lt;&lt; a2m[22];     if (x == "y")     cout &lt;&lt; a2m[22];     if (x == "x")     cout &lt;&lt; a2m[22];     if (x == "x")     cout &lt;&lt; a2m[23];     if (x == "z") </pre>		<pre>cout &lt;&lt; a2m[12];</pre>
<pre>cout &lt;&lt; a2m[13]; if (x == "o") cout &lt;&lt; a2m[14]; if (x == "p") cout &lt;&lt; a2m[15]; if (x == "q") cout &lt;&lt; a2m[16]; if (x == "r") cout &lt;&lt; a2m[16]; if (x == "r") cout &lt;&lt; a2m[17]; if (x == "s") cout &lt;&lt; a2m[18]; if (x == "t") cout &lt;&lt; a2m[18]; if (x == "t") cout &lt;&lt; a2m[19]; if (x == "u") cout &lt;&lt; a2m[20]; if (x == "x") cout &lt;&lt; a2m[21]; if (x == "y") cout &lt;&lt; a2m[22]; if (x == "y") cout &lt;&lt; a2m[22]; if (x == "z")</pre> if (x == "z") if (x == "z") if (x == "z")		
<pre>if (x == "o") cout &lt;&lt; a2m[14]; if (x == "p") cout &lt;&lt; a2m[15]; if (x == "q") cout &lt;&lt; a2m[16]; if (x == "r") cout &lt;&lt; a2m[16]; if (x == "r") cout &lt;&lt; a2m[17]; if (x == "s") cout &lt;&lt; a2m[17]; if (x == "s") cout &lt;&lt; a2m[18]; if (x == "s") cout &lt;&lt; a2m[19]; if (x == "u") cout &lt;&lt; a2m[19]; if (x == "u") cout &lt;&lt; a2m[20]; if (x == "x") cout &lt;&lt; a2m[21]; if (x == "y") cout &lt;&lt; a2m[22]; if (x == "y") cout &lt;&lt; a2m[22]; if (x == "x") cout &lt;&lt; a2m[23]; if (x == "z")</pre>		
<pre>cout &lt;&lt; a2m[14]; if (x == "p") cout &lt;&lt; a2m[15]; if (x == "q") cout &lt;&lt; a2m[16]; if (x == "r") cout &lt;&lt; a2m[17]; if (x == "r") cout &lt;&lt; a2m[17]; if (x == "s") cout &lt;&lt; a2m[17]; if (x == "s") cout &lt;&lt; a2m[18]; if (x == "t") cout &lt;&lt; a2m[18]; if (x == "t") cout &lt;&lt; a2m[19]; if (x == "u") cout &lt;&lt; a2m[20]; if (x == "x") cout &lt;&lt; a2m[21]; if (x == "y") cout &lt;&lt; a2m[22]; if (x == "y") cout &lt;&lt; a2m[22]; if (x == "z")</pre>		
<pre>if (x == "p")     cout &lt;&lt; a2m[15];     if (x == "q")         cout &lt;&lt; a2m[16];     if (x == "r")         cout &lt;&lt; a2m[17];     if (x == "s")         cout &lt;&lt; a2m[17];     if (x == "s")         cout &lt;&lt; a2m[18];     if (x == "t")         cout &lt;&lt; a2m[19];     if (x == "t")         cout &lt;&lt; a2m[19];     if (x == "u")         cout &lt;&lt; a2m[20];     if (x == "v")         cout &lt;&lt; a2m[21];     if (x == "x")         cout &lt;&lt; a2m[21];     if (x == "y")         cout &lt;&lt; a2m[22];     if (x == "x")         cout &lt;&lt; a2m[23];     if (x == "z")</pre>		
<pre>if (x == "q") cout &lt;&lt; a2m[15]; if (x == "q") cout &lt;&lt; a2m[16]; if (x == "r") cout &lt;&lt; a2m[17]; if (x == "s") cout &lt;&lt; a2m[17]; if (x == "s") cout &lt;&lt; a2m[18]; if (x == "t") cout &lt;&lt; a2m[19]; if (x == "t") cout &lt;&lt; a2m[19]; if (x == "u") cout &lt;&lt; a2m[20]; if (x == "v") cout &lt;&lt; a2m[21]; if (x == "x") cout &lt;&lt; a2m[22]; if (x == "y") cout &lt;&lt; a2m[22]; if (x == "y") cout &lt;&lt; a2m[23]; if (x == "z")</pre>	cout << a2m[14];	
<pre>if (x == "q")     cout &lt;&lt; a2m[16]; if (x == "r")     cout &lt;&lt; a2m[17]; if (x == "s")     cout &lt;&lt; a2m[18]; if (x == "t")     cout &lt;&lt; a2m[19]; if (x == "u")     cout &lt;&lt; a2m[20]; if (x == "v")     cout &lt;&lt; a2m[20]; if (x == "x")     cout &lt;&lt; a2m[21]; if (x == "y")     cout &lt;&lt; a2m[22]; if (x == "y")     cout &lt;&lt; a2m[22]; if (x == "z")     cout &lt;&lt; a2m[23]; if (x == "z")</pre>	if (x == "p")	
<pre>if (x == 'r') cout &lt;&lt; a2m[16]; if (x == "r") cout &lt;&lt; a2m[17]; if (x == "s") cout &lt;&lt; a2m[18]; if (x == "t") cout &lt;&lt; a2m[19]; if (x == "u") cout &lt;&lt; a2m[20]; if (x == "v") cout &lt;&lt; a2m[21]; if (x == "x") cout &lt;&lt; a2m[21]; if (x == "y") cout &lt;&lt; a2m[22]; if (x == "y") cout &lt;&lt; a2m[22]; if (x == "y") cout &lt;&lt; a2m[22]; if (x == "y") cout &lt;&lt; a2m[23]; if (x == "z")</pre> if (x == "r") if (x == "z") if (x == "z") if (x == "z") if (x == "z")		
<pre>if (x == "r")     cout &lt;&lt; a2m[17]; if (x == "s")     cout &lt;&lt; a2m[18]; if (x == "t")     cout &lt;&lt; a2m[19]; if (x == "u")     cout &lt;&lt; a2m[20]; if (x == "v")     cout &lt;&lt; a2m[21]; if (x == "x")     cout &lt;&lt; a2m[21]; if (x == "y")     cout &lt;&lt; a2m[22]; if (x == "y")     cout &lt;&lt; a2m[22]; if (x == "z")     cout &lt;&lt; a2m[23]; if (x == "z")</pre>	if (x == "q")	<pre>cout &lt;&lt; a2m[16];</pre>
<pre>cout &lt;&lt; a2m[17]; if (x == "s") cout &lt;&lt; a2m[18]; if (x == "t") cout &lt;&lt; a2m[19]; if (x == "u") cout &lt;&lt; a2m[20]; if (x == "v") cout &lt;&lt; a2m[20]; if (x == "v") cout &lt;&lt; a2m[21]; if (x == "y") cout &lt;&lt; a2m[22]; if (x == "y") cout &lt;&lt; a2m[22]; if (x == "z")</pre> if cout << a2m[21]; if (x == "y") cout << a2m[22]; if (x == "y") cout << a2m[23]; if (x == "z") if cout << a2m[23]; if (x == "z")	cout << a2m[16];	if (x == "r")
<pre>cout &lt;&lt; a2m[17]; if (x == "s") cout &lt;&lt; a2m[18]; if (x == "t") cout &lt;&lt; a2m[19]; if (x == "u") cout &lt;&lt; a2m[20]; if (x == "v") cout &lt;&lt; a2m[21]; if (x == "x") cout &lt;&lt; a2m[22]; if (x == "y") cout &lt;&lt; a2m[22]; if (x == "z")</pre> if (x == "s") if (x == "s") if (x == "s") cout << a2m[21]; if (x == "y") cout << a2m[22]; if (x == "y") cout << a2m[23]; if (x == "z") if (x == "z")		<pre>cout &lt;&lt; a2m[17];</pre>
<pre>if (x == "s")     cout &lt;&lt; a2m[18]; if (x == "t")     cout &lt;&lt; a2m[19]; if (x == "u")     cout &lt;&lt; a2m[20]; if (x == "v")     cout &lt;&lt; a2m[21]; if (x == "x")     cout &lt;&lt; a2m[22]; if (x == "y")     cout &lt;&lt; a2m[22]; if (x == "z")     cout &lt;&lt; a2m[23]; if (x == "z") </pre>		
<pre>cout &lt;&lt; a2m[18]; if (x == "t") cout &lt;&lt; a2m[19]; if (x == "u") cout &lt;&lt; a2m[20]; if (x == "v") cout &lt;&lt; a2m[21]; if (x == "x") cout &lt;&lt; a2m[22]; if (x == "y") cout &lt;&lt; a2m[22]; if (x == "z")</pre> if (x == "t") if (x == "u") cout << a2m[20]; if (x == "v") cout << a2m[21]; if (x == "x") cout << a2m[22]; if (x == "y") cout << a2m[22]; if (x == "z") if (x == "z")		<pre>cout &lt;&lt; a2m[18];</pre>
<pre>if (x == "t")     cout &lt;&lt; a2m[19]; if (x == "u")     cout &lt;&lt; a2m[20]; if (x == "v")     cout &lt;&lt; a2m[21]; if (x == "x")     cout &lt;&lt; a2m[22]; if (x == "y")     cout &lt;&lt; a2m[22]; if (x == "z")     cout &lt;&lt; a2m[23]; if (x == "z")</pre>		
<pre>cout &lt;&lt; a2m[19]; if (x == "u") cout &lt;&lt; a2m[20]; if (x == "v") cout &lt;&lt; a2m[21]; if (x == "x") cout &lt;&lt; a2m[22]; if (x == "y") cout &lt;&lt; a2m[22]; if (x == "y") cout &lt;&lt; a2m[22]; if (x == "y") cout &lt;&lt; a2m[23]; if (x == "z")</pre> if (x == "u") cout << a2m[20]; if (x == "v") cout << a2m[21]; if (x == "x") cout << a2m[22]; if (x == "y") cout << a2m[23]; if (x == "z")		
<pre>if (x == "u")     cout &lt;&lt; a2m[20]; if (x == "v")     cout &lt;&lt; a2m[21]; if (x == "x")     cout &lt;&lt; a2m[22]; if (x == "y")     cout &lt;&lt; a2m[22]; if (x == "y")     cout &lt;&lt; a2m[23]; if (x == "z") </pre>		
<pre>cout &lt;&lt; a2m[20]; if (x == "v") cout &lt;&lt; a2m[21]; if (x == "x") cout &lt;&lt; a2m[22]; if (x == "y") cout &lt;&lt; a2m[22]; if (x == "y") cout &lt;&lt; a2m[23]; if (x == "z")</pre> if (x == "v") cout << a2m[22]; if (x == "z") cout << a2m[23]; if (x == "z")	if (x == "u")	
<pre>if (x == "v")     cout &lt;&lt; a2m[21];     if (x == "x")         cout &lt;&lt; a2m[22];     if (x == "y")         cout &lt;&lt; a2m[22];     if (x == "y")         cout &lt;&lt; a2m[23];     if (x == "z")         cout &lt;&lt; a2m[24];     if (x == "z")         cout &lt;&lt; a2m[24];     if (x == "z")         cout &lt;&lt; a2m[24];     if (x == "z") </pre>		
<pre>if (x == "x")     cout &lt;&lt; a2m[22];     if (x == "y")         cout &lt;&lt; a2m[22];     if (x == "y")         cout &lt;&lt; a2m[23];     if (x == "z")</pre>	if (x == "v")	
<pre>if (x == x)     cout &lt;&lt; a2m[22];     if (x == "y")         cout &lt;&lt; a2m[23];     if (x == "z")</pre>		
<pre>if (x == "y")     cout &lt;&lt; a2m[23]; if (x == "z")     if (x == "z")     if (x == "z")     cout &lt;&lt; a2m[23];     if (x == "z")     cout &lt;&lt; a2m[24];     if (x == "z")     cout &lt;&lt; a2m[24];     if (x == "z")     cout &lt;&lt; a2m[24];     cout &lt;&lt;</pre>		
<pre>if (x == y) cout &lt;&lt; a2m[23]; if (x == "z") cout &lt;&lt; a2m[24]; if (x == 2m[24]; cout &lt;&lt; a2m[24]; cout &lt;&lt; a</pre>		
if $(x == "z")$ if $(x == "z")$	if (x == "y")	
$\sum_{i=1}^{n} (x_i - \sum_{i=1}^{n} (x_i - \sum_{i=1}^{n}$	cout << a2m[23];	
cout << a2m[24]; cout << a2m[24];	if (x == "z")	
	cout << a2m[24];	cout << azm[24];

#### Wide Code Segments

• Screen captures that are wide will be resized, causing the images to potentially become blurry.

n 🏴 clicked							(-, -, -)
at 10							(-, -)
pick	random 1 to 10 / test	- test + test > 50	and not te	ndom 1 to 10	+ pick random 1	to 10 = 50	then
wait 1 seco	nds			 			

• You should modify your code to avoid the use of any long lines of code, if possible. In this example, the Boolean expression above is split into multiple expressions.

orten	lines by using	g variable	S										
	clicked a s												
set	first expression 👻	to pick r	andom 1	to 10 /	test -	test	+ tes						
set	second expression	• to te	st / test	- pick ra	ndom 1	) to 10	+	pick ra	ndom	1	) to (	10	-
if	first expression	n > 50	and not	secon	d expressio	1) = (	50	) then					
	1 seconds					1							
else set	test 🔹 to 🛛 0												
	 ر												



• If you are unable to modify your code, rotate your code 90 degrees. When rotating the images 90 degrees, always rotate them in the same direction.

ate image 9	0 degrees to the l	ft	
3			
а н <u>е</u>			
Б			
bit in the second se			
<b>P</b>			
pick random 1 to 10 + pick random 1 to 10 = 50			
jć –			
<b>U</b>			
E			
e e e			
9 A			
<u>.</u>			
pick rando	walt () seconds else set (bet + ) ()		
	val 🕒 seconds te lest - lo		
repeat 10			
	et et wat		