

**Delhi Public School, Sec 12, R.K.Puram, New Delhi**  
**Computer Science C++ Review Worksheet 3 - Class 12**

1. Find errors in the following, rewrite the corrected form with each correction underlined:

		Corrected Code (if so required)
(a)	<pre>#include &lt;iostream.h&gt; void Createarray(int A[], int size) {     for (int C = 0; C&lt;size; C++)         cin&gt;&gt;A[C]; } void main() {     cin&gt;&gt;size;     int A[size];     Createarray(A[], size);     for(C=0; C&lt;size; C++)         cout&lt;&lt;A[C]; }</pre>	
(b)	<pre>#include &lt;iostream.h&gt; void main() {     int A[10];     A[]= {1,2,3,4,5};     int B[5];     B = A;     for(int C=0; C&lt;5; C++)         cout&lt;&lt;B[C]; }</pre>	
(c)	<pre>#include &lt;iostream.h&gt; void main() {     int A[3,3]={1,2,3,4,5,6};     Printarray(A[3,3]); } void Printarray(int A[3,3]) {     for(int C=0; C&lt;3; C++)     {         for(int D=0;D&lt;3;D++)             cout&lt;&lt;A[C,D];         cout&lt;&lt;endl;     } }</pre>	
(d)	<pre>#include &lt;iostream.h&gt; void main() {     char S[][]={"One","Two","Three"};     Change(A[][],2,2)     for(int C=0;C&lt;3;C++)     {         for(int D=0;D&lt;3;D++)             puts(S[C][D]);     } } void Change(char B[][], int M,N) {     for(int C=0; C&lt;M; C++)         for(int D=0; D&lt;N; D++)             B[C][D] += 5; }</pre>	

2. Find the output of the following programs:

	Program	Output
(a)	<pre>#include &lt;iostream.h&gt; void main() {     const int size=5;     int A[size];     for(int I=0;I&lt;size;I++)         A[I]=size+I+92;     for(I=0;I&lt;size;I++)         cout&lt;&lt;(char)A[I]&lt;&lt;"#"; }</pre>	
(b)	<pre>#include &lt;iostream.h&gt; void swap(int &amp;x, int &amp;y) {     x=x+y;     y=x-y;     x=x-y; } void Rotate(int A[3][3]) {     for(int C=0,D=0; C&lt;3; C++)         swap(A[C][D],A[C][D+2]);     for(C=0,D=0; C&lt;3; C++)         swap(A[D+2][C],A[D][C]); } void main() {     int A[3][3]={{1,2,3},{4,5,6},{7,8,9}};     Rotate(A);     for (int C=0; C&lt;3; C++)     {         for (int D=0; D&lt;3; D++)             cout&lt;&lt;A[C][D];         cout&lt;&lt;endl;     } }</pre>	
(c)	<pre>#include &lt;iostream.h&gt; #include &lt;ctype.h&gt; void main() {     char A[]="Admission No.R4795";     for(int C=0; A[C]!='\0'; C++)     {         if (isalpha(A[C]))             A[C] = tolower(A[C])+1;         else if (isdigit(A[C]))             A[C] = A[C] - 1;         else             A[C] = A[C + 1];     }     cout&lt;&lt;A; }</pre>	