

Procedural Programming Lab 8**Date - 29 Nov 2017 - Viva**

1.	What is the output? <pre>int a[5] = {5, 1, 15, 20, 25}; int i, j, m; i = ++a[1]; j = a[1]++; m = a[i++]; printf("%d, %d, %d", i, j, m);</pre>	3, 2, 15
2.	What is the output? <pre>int arr[5], i=0; while(i<5) arr[i]=++i; for(i=0; i<5; i++) printf("%d, ", arr[i]);</pre>	0, 1, 2, 3, 4,
3	What is the output? <pre>float arr1[] = {12.4, 2.3, 4.5, 6.7}; printf("%d\n", sizeof(arr1)); printf("%d\n", sizeof(arr1)/sizeof(arr1[0]));</pre>	16 4
4	Fill in the blank in the following code fragment so that each element of the array is assigned twice the value of its index. <pre>int[] array = new int[10]; // scan the array for (int index=0; index < array.length; index++) { _____ }</pre>	array[index] = 2*index;
5	What is the output? <pre>int[] array = { 1, 4, 3, 6 }; int what = 0, index; for (index=0; index < 4; index++) { what = what + array[index]; } printf("%d", what);</pre>	14
6	What is the output? <pre>int[] array = { 1, 4, 3, 6, 8, 2, 5}; int what = array[0], index; for (index=0; index < 7; index++) { if (array[index] < what) what = array[index]; } printf("%d", what);</pre>	1
7	Identify errors in the statements <pre>int num[] = {0,0,0,0,0}; float numb[3][2] = {0,1,2,3,4,5}; int m[2,4] = {(0,0,0,0)(1,1,1,1)}; float res[0]=0;</pre>	<p>No error</p> <p>No error</p> <p>No ordinary brackets. It should be flower brackets.</p> <p>Size cannot be 0</p>