

Day 4

C Assignments

S.No	Assignment	Test Cases	
		Input	Output
1	Write a C program to check if a given Number is zero or Positive or Negative Using if...else statement.	0	The number is 0.
		-0.5	Negative number.
		1.05	Positive number.
		0.47	Positive number.
		-50	Negative number.
2	Write a C Program to find the Largest Integer among Three integers using if statement. Note: To take input using single line Use scanf("%d %d %d", &num1, &num2, &num3);	80 -5 3	80 is the largest number.
		-9 -4 -20	-4 is the largest number.
		45 34 67	67 is the largest number.
3	Write a C Program to find the Smallest Integer among Three integers using IF and Logical && operator.	90 -19 -28	-28 is the smallest number.
		40 30 60	30 is the smallest number.
		45 70 10	10 is the smallest number.
		60 120 190	60 is the smallest number.
4	What is output of following program? <pre> #include&lt;stdio.h&gt; int main() {     int i;     if(i=0,2,3)         printf("CDAC ");     else         printf("C Programming ");     printf("%d\n",i); } </pre>		

5	<p>Find the output of the following C code</p> <pre>#include&lt;stdio.h&gt; int main() {     int a=12, b=18, c=7, d=4, result;     result=a+a*-b/c%d+c*d;     printf("%d", result);     return 0; }</pre>
6	<p>What is the output of the following C code?</p> <pre>#include &lt;stdio.h&gt; int main() {      int y = 10;     int z = y +(y == 10);     printf("%d\n", z);     return 0; }</pre>
7	<p>What will be the output?</p> <pre>#include &lt;stdio.h&gt; int main() {     int h = 9;     int b = 5 * 2 + 2 * 3 &lt; h*2 ? 5 : 3;     printf("%d", b);     return 0; }</pre>
8	<p>What is the output of the C program given below?</p> <pre>#include &lt;stdio.h&gt; int main() {     int x = 0;     if (x++)         printf("true\n");     else if (x == 1)         printf("false\n");     return 0; }</pre>

9	<p>What will be the output?</p> <pre>#include &lt;stdio.h&gt; int main() {     int a = 1, b = 2, c = 3;     if (c &gt; b &gt; a)         printf("true");     else         printf("false");     return 0; }</pre>
10	<p>What if the output of the program below?</p> <pre>#include &lt;stdio.h&gt; int main() {     int a = 1, b = -1, c = 0, d;     d = ++a &amp;&amp; ++b    c--;     if (d)         printf("Kolkata \n");     else if(c)         printf("Delhi \n");     else         printf("Bangalore \n");     return 0; }</pre>