

# CREATIVE MULTIMEDIA INSTITUTE

## ASSIGNMENT SHEET (BCA SEM - 1)

No	Topic Name	Date	Student Sign	Supervisor Sign
1	Write a Program to Print your Bio-data using Printf Function			
2	WAP to print Student Result Format using Printf function			
3	WAP to declare two variable and calculate (sum/sub/mul/div)using this variable			
4	WAP to swap 2 value without using third variable			
5	WAP to swap 2 value with third variable			
6	WAP to Calculate Area and Circumference of circle (Area of Circle = $\text{PI} * R^2$ / Circumference of Circle = $2 * \text{PI} * R$ )			
7	WAP to Calculate Area of Square (area = side * side)			
8	WAP to Calculate Area of Rectangle (area = l * b)			
9	WAP to find the simple interest (SI = $(P * R * N) / 100$ )			
10	Draw a Flow chart to Find the Maximum/ Minimum number of two value			
11	Draw a Flow chart to Find the Maximum/ Minimum number among the three number			
12	Draw a Flow chart to Find the Maximum/ Minimum number among the four number			
13	Draw a Flow chart to Find the Maximum/ Minimum number among the Five number			
14	Draw a Flow char to check equal / min / max among the three value			
15	WAP to Find the Maximum/ Minimum number of two value			
16	WAP to Find the Maximum/ Minimum number among the three number			
17	WAP to Find the Maximum/ Minimum number among the four number			
18	WAP to Find the Maximum/ Minimum number among the Five number			
19	WAP to check equal / min / max among the three value			
20	WAP to program to check whether the given number is positive ,negative or zero			
	<b>Ladder if / Logical Operator / Turnery Operator</b>			
21	WAP to Find the Maximum/ Minimum number among the Five number using Logical operator			
22	WAP to Find the Maximum/ Minimum number among the Three number Using Turnery Operator			
23	WAP to print Full Student Result of FIVE sub marks and calculate Total , per , min, max, Result, Grade			
24	WAP to input electricity unit charges and calculate total electricity bill according to the given condition: For first 50 units Rs. 0.50/unit /For next 100 units Rs. 0.75/unit /For next 100 units Rs. 1.20/unit / For unit above 250 Rs. 1.50/unit /An additional surcharge of 20% is added to the bill			

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25	WAP to check Odd / Even num of given Number			
26	WAP to input week number and print week day			
27	WAP to input month number and print number of days in that month			
	<b>Loop (While )</b>			
28	Write a program in C to display the first 10 natural numbers			
29	Write a C program to print all natural numbers in reverse			
30	WAP to find sum of first <b>N</b> natural numbers			
31	WAP to print Range between two number			
32	WAP to print Range of ODD num if first num is smallest and Print range of Even num if First num is largest			
33	WAP to find factorial of a given number			
34	WAP to print reverse given num			
35	WAP program to count number of digits in a number			
	<b>Do while loop</b>			
36	WAP to Display The Multiplication Table of a Given Number			
37	WAP to display the cube of the number upto given an number			
38	WAP program to sum of digits in a number			
39	WAP to find the number and sum of all integer between two user input num which are divisible by given num			
40	WAP to enter password and check password with entered password, if password is match then print "WELCOME" otherwise ask to give correct password.			
	<b>For loop</b>			
41	WAP to print Fibonacci series in a given range			
42	WAP to check given num is Armstrong or not			
43	WAP to check given num is Palindrome or not			
44	WAP to check given num is Prime or not			
45	WAP to print Pattern given by your Faculty (15 pattern)			
	<b>Keywords ( goto / break / continue )</b>			
46	Program to calculate the sum and average of positive numbers If the user enters a negative number, the sum and average are displayed.			
<b>47</b>	<b>WAP to input basic salary of an employee and calculate its Incentive and Gross salary and net salary of given your faculty</b>			
48	WAP to get the array and display it			
49	WAP to display the array with the position.			
50	WAP to get the array and display it in the reverse order			
51	WAP to get the array and copy it into the another array			
52	WAP to get the array and copy the reverse of the array into the another array			
53	WAP to get two array and merge it into the third array			
54	WAP Sum of the elements of the array			

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55	WAP Find the max value from the array			
56	WAP Find the min value from the array			
57	WAP to get the array and search the element from it			
58	WAP to replace the particular element from the array			
59	WAP to insert the element in array			
60	WAP to delete the element from the array			
	<b>2-d array</b>			
61	WAP to get the 2-d array [matrix] and display it			
62	WAP to Addition of two matrices			
63	WAP to Sum of elements of the matrix			
64	WAP to Find the max from the matrix			
65	WAP to Find the min from the matrix			
66	WAP to Row-wise sum			
67	WAP to Column-wise sum			
	<b>Char / string / String function</b>			
68	WAP to Enter char and display it.			
69	WAP to Enter Char and display ASCII code			
70	WAP to Enter decimal and display char.			
71	WAP to enter name and display it.			
72	<b>WAP to enter name and count following format.</b> (i) Length of given string. (ii) Total Num of alphabet. (iii) Total Num of digit. (iv) Total Num of Upper character. (v) Total Num of Lower character. (vi) Total Num of space. (vii) Total Num of words. (viii) Total Num of other character.			
73	<b>WAP to given string and display following format.</b> (i) Display Sentence case. (ii) Display lowercase. (iii) Display upper case. (iv) Display title case. (v) Display toggle case.			
	<b>User define function / Variable Scope</b>			
74	WAP to enter two value and that values of sum,sub,mul and div using UDF.			
75	WAP to find out factorial of a given num using function.			
76	WAP to find out maximum out of three num using function.			
	<b>Structure / Union</b>			
77	WAP to given int, float, char data and display it.			
	<b>Pointer</b>			
78	WAP printing address of variable.			
79	Accessing elements using pointer.			

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80	Pointer to return multiple values from function (swap prog).			
	<b>File Management</b>			
81	WAP writing a string into a text file.			
82	WAP reading a string into a text file.			

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