

# Subject Name :Computer Programming - 1

Subject code:1ES106

Sr.	No.	Aim
<b>Practical Set-1</b>		<b>Draw a flowchart and algorithm for the following.</b>
	1.	Find out sum of two numbers.
	2.	Find out average of five numbers.
	3.	Find out area of Circle ( $a=3.14*r*r$ )
	4.	Find out area of Rectangle ( $a=l*b$ )
	5.	Find out area of Square ( $a=l*l$ )
	6.	Find out area of Triangle ( $a=(1/2)*l*b$ )
<b>Practical Set-2</b>		<b>Simple C Program</b>
	7.	Write a c program to print "hello world".
	8.	Write a c program to print your address.
	9.	Write a c program to print following pattern(Rectangle).
<b>Practical Set-3</b>		<b>Write a program to declare following type of variable and initialize each of these variables.</b>
	10.	Write a C program to print Two integer type variable
	11.	Write a C program to print Two float type variable
	12.	Write a C program to print Single character type variable
	13.	Write a C program to print Single double type variable
<b>Practical Set-4</b>		<b>Write a program to solve following type of equations(Using scanf)</b>
	14.	Write a c program for addition.
	15.	Write a c program for subtraction.
	16.	Write a c program for multiplication.

	17.	Write a c program for division.
<b>Practical Set-5</b>		<b>Write a program to solve following type of equations</b>
	18.	Write a c program to find simple interest. $((I=p*r*n)/100)$
	19.	Write a c program to convert Celsius to Fahrenheit. $F=(c*1.8)+32$
	20.	Write a c program to convert kilometer to meter,cm,feet,inch. (Meter=km*1000, cm=meter*100, feet=km*3280.84,inch=km*39370.08)
	21.	Write a c program to find area of circle.(area=3.14*r*r)
	22.	Write a c program to find area of rectangle.(area=l*b)
	23.	Write a c program to find area of triangle.(area=h*b*0.5)
	24.	Write a c program to interchange two numbers.
<b>Practical Set-6</b>		<b>Type Casting</b>
	25.	Write a C program to print ASCII value of any character.
	26.	Write a C program using enum keyword.
	27.	Write a C program for type casting the value from integer to float.
<b>Practical Set-7</b>		<b>Operator</b>
	28.	Write a C program to take character from user using getchar() function and print that character using putchar() function.
	29.	Write a program to perform different operators as listed below. <ul style="list-style-type: none"> <li>1. Arithmetic Operators</li> <li>2. Assignment Operators</li> <li>3. Relational Operators</li> <li>4. Logical Operators</li> <li>5. Bitwise Operators</li> </ul>
	30.	Write a program to find maximum number from two numbers using conditional operator(Ternary operator).
	31.	Write a program to perform Postfix increment and Postfix Decrement using Increment/Decrement Operators.

<b>Practical Set-8</b>		<b>Decision Making with Branching</b>
	32.	Write a c program to check number is even using simple if.
	33.	Write a c program to check number is odd using simple if.
	34.	Write a c program to check number is even or odd using if else.
	35.	Write a c program to print day according to number entered by user using ladder if else.
<b>Practical Set-9</b>		<b>Decision Making with Looping</b>
	36.	Write a c program to make calculator using menu driven programming using ladder if else.
	37.	Write a c program to find maximum number from three numbers using nested if statement.
	38.	Write a c program to check year is leap year or not.
	39.	Write a c program to make calculator using menu driven programming using switch case.
	40.	Write a c program to print series like 1,12,2,3,4 using goto statement, put label after print 1.
	41.	Write a program to print factorial of a given number.
<b>Practical Set-10</b>		<b>Write programs on arrays</b>
	42.	Write a program to declare array of 5 element enter value for 5 element and display it onto the screen.
	43.	Write a program to display sum of 5 array elements.