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S.no	Program	Page no	Date	Sign
1.	Write a Program to show the use to input (Scanf)/output (Printf) statements and block structure of C-program by highlighting the features of "stdio.h".			
2.	Write a program to add two numbers and display the sum.			
3.	Write a program to calculate the area and the circumference of a circle by using radius as the input provided by the user.			
4.	Write a Program to perform addition, subtraction, division and multiplication of two numbers given as input by the user.			
5.	Write a program to evaluate each of the following equations. (i) $V = u + at$. (ii) $S = ut + \frac{1}{2}at^2$ (iii) $T = 2*a + \sqrt{b+9c}$ (iv) $H = \sqrt{b^2+p^2}$			
6.	Write a program to swap two variable: a) By using temporary variable. b) Without using temporary variable			
7.	Write a Program to find the greatest among three numbers using: <ul style="list-style-type: none"> Conditional Operator If-Else statement			
8.	Write the following programs using switch case statement: <ul style="list-style-type: none"> To check that an input alphabet is vowel or consonant To check whether a number is positive, negative or zero			
9.	Write a program using while loop to print the sum of first n natural numbers.			
10.	Write a program to check a number is Armstrong or not using For loop.			
11.	Write the program to count the digits in a number and then print the reverse of the number also.			
12.	Write a program to generate the Fibonacci series.			
12.	Write a program to print the following patterns: a) * * * * * *			

	<pre> * * * * * * * * * * * * * * * b) * * * * * * * * * * * * * * * * * * * * * * * * * * * </pre>			
13.	<p>Write the program to print the following pattern:</p> <pre> 1 2 3 4 5 6 2 4 6 8 10 12 3 6 9 12 15 18 4 8 12 16 20 24 5 10 15 20 25 30 6 12 18 24 30 36 </pre>			
14.	Write a program to check that the given number is prime, Armstrong or perfect using the concept of functions.			
15.	Write a program to calculate the area and circumference of a circle using functions.			
16.	Write a program to swap two variables using the concept of call by value and call by reference.			
17.	<p>Write a program to perform the following operations on 1D-Array:</p> <ul style="list-style-type: none"> • Insert • Update • Delete • Display <p>Search</p>			
18.	Write a program to calculate the sum of array elements by passing it to a function.			
19.	Write a program to show the use of passing pointer as arguments to the functions.			
20.	Write a program matrix multiplication using the concept of 2D array			
21.	Write a program to transpose a given matrix.			
22.	Write a program to find the factorial of a number by using the concept of recursion.			

23.	Write a menu driven C program to show the use of in-built string functions like strlen, strcat, strcpy, strcmp, strcmp, strcmp etc.			
24.	Write a Program in C to display the total number of appearances of a substring provided as input by the user in a given string.			
25.	Write a program to display the sum of the digits of a number by using the concept of recursion.			
26.	Write a C program to add two distances in inch & feet using the concept of structures.			
27.	Write a C program to add two complex numbers using the concept of structures in C.			
28.	Write a program in C to store the information of five employees using both concepts i.e. array of structure and array within structure.			
29.	Write a Program in C to store and retrieve the information about students of a university by using the concept of file handling.			
30.	Write a Program in C to find and replace a specific string in a file and also display the total number of appearances of that string.			