Module – 1[C Programming]

1. Display This Information using printf
   a. Your Name
   b. Your Birth date
   c. Your Age
   d. Your Address

2. Write a program to make addition, Subtraction, Multiplication and Division of Two Numbers.

3. Write a program to make a square and cube of number.

4. Write a program to find the Area of Circle

5. Write a program to find the Area of Triangle

6. Write a program to find the simple Interest.

7. Write a program to convert temperature from degree centigrade to Fahrenheit.

8. Write a program to calculate sum of 5 subjects & find the percentage. Subject marks entered by user.

9. Write a Program to show swap of two No's without using third variable.

10. Write a Program to check the given number is Positive, Negative.

11. Write a Program to check the given year is leap year or not.

12. Write a Program to check the given number is prime or not prime.

13. Write a program to find the Max number from the given three number using Nested If

14. ~~Write a program to find the Max number from the given three number using Ternary Operator~~

15. Write a program to find the Max number from the given three number using Nested If

16. Write a program user enter the 5 subjects mark. You have to make a total and find the percentage.

     percentage > 75 you have to print "Distinction"
     percentage > 60 and percentage <= 75 you have to print "First class" percentage >50 and percentage <= 60 you have to print "Second class" percentage > 35 and percentage <= 50 you have to print "Pass class" Otherwise print "Fail"

17. Write Program use switch statement. Display Monday to Sunday

18. Write a Program of Addition, Subtraction ,Multiplication and Division using Switch case.(Must Be Menu Driven)

19. Write a program of to find out the Area of Triangle, Rectangle and Circle using If Condition.(Must Be Menu Driven)

20. Looping Programs
    a. Write a program to print the 1 to 10 using For loop.
    b. Write a Program to print the 51 to 60 using while loop
    c. write a program to print the 100 to 81 using do ...while loop
    d .write a program you have to find the factorial of given number.
    e. Write a program you have to print the Fibonacci series up to user given

number

f. write a program you have to print the table of given number.

g. Write a program to print the number in reverse order.

h .Write a program to find out the max from given number

   (E.g. No: -1562 Max number is 6)

i. Write a program make a summation of given number(E.g. 1523 ans :-11)

j. Write a program you have to make a summation of first and last Digit.

   (E.g. 1234 ans:-5)

18.   Pyramid Programs

* ** *** **** *****	1 12 123 1234 12345	1 22 333 4444 55555	* ** *** **** *****

1
 21
  321
   4321
	*
	 **
	  ***
	   ****
		*
		 * *
		  * * *
		   * * * *
			1
			 1 2
			  1 2 3
			   1 2 3 4

1
 2 2
  3 3 3
   4 4 4 4
    5 5 5 5 5
	1
	 2 3
	  4 5 6
	   7 8 9 10
	    11 12 13 14 15
		1
		 0 1
		  1 0 1
		   1 0 1 0
		    1 0 1 0 1
			1
			4 4
			9 9 9
			16 16 16 16
			25 25 25 25 25

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19. .Write a program to enter a five elements using Array and print it on a screen.

20. Write a program to enter a five elements using Array and print it on a screen.

21 . Write a program to enter a ten elements using Array and find out the to count the total number of odd and even numbers

22. Write a program to enter a ten elements using Array and make a summation of the numbers and average of summation

23. Write a program to find out the max number from given 10 elements of array.

24. Write a program to sort the array of 5 elements

25. Write a program to find out the second smallest number from the array.

26. Write a Program of find the element of given position from the array

27. Write a program to print the Matrix using 2-D Array

28. Write a program of two make Addition of two matrix using 2-D Array.

29. Write a program of two make Subtraction of two matrix using 2-D Array.

30. Write a program of Multiplication make Subtraction of two matrix using 2-D Array.

31. Write a program to find out the Max number from given Matrix

32. Write a program to convert the string from uppercase to lowercase and vice versa

33. Write a program to find out the length of given string without using string function

34. write a program to count the total number of word from given string without using string function

35. Write a program to copy string from one string to another string without using string function

36. Write a program to make string reverse and check the given string is palindrome or not without using string function

37. Write a program co concatenate the two string without using string function

38. Write a program to perform addition, subtraction, multiplication and division of two numbers using Function

39. write a program to find out the Square and cube of given number using function

40. Write a program to find out the factorial of given number using function

41. write a program to print the Fibonacci series using function

42. Write a program to find out the max number from given array using function

43. write a program to sort the array using function

44. write a program to print the string in reverse order using function

45. Write a Program of Factorial using Recursive Function

46. Write a Program of Print a number and check the number is palindrome or not using recursive Function

47. Write a Program of Make a string reverse using recursive Function.

48 . Write a program of structure employee that provides the following information
        -print and display empno,empname,address and age

49. Write a program of structure for five employee that provides the following information
        -print and display empno,empname,address and age

50. Describe the structure student having rollno and marks of three subjects of five students.

   -Write a program to print all the information and total marks and percentage of each student.

51. Write program to make a addition of two number using pointer

52. write a program to swap the two numbers without using third variable using poiner

53. Write a program to concatenate the stow string using pointer.

54. Write a program to sort the numbers using pointer and functions

55. Write a program of singly link list (Using Dynamic Memory Allocation)

   -To add The elements in link list
   - To Remove the elements from link list
   -To display the element from the link list
   -Write a program to write data in file.

56. Write a program to read data from file.

57. Write a program to read and write data from the file.

58. Write a program to append data into already existed file.

59. Create Macro in program using Preprocessor.