

1	Develop a program to print all even numbers from M to N using pointers
2	Develop a program to copy the last n characters of a character array in another array using pointer
3	Develop a program to swap two integer numbers using call by value and call by address method.
4	Develop a C program to find sum, average, largest and smallest element in an array of 'n' integers by using pointers.
5	Develop a function <b>Concatenate (string1, string2)</b> which accepts two strings as parameter and appends string 2 at the end of string 1 using pointers.
6	Develop a program using pointer variables to read a Character until * is entered. If the character is in upper case, Print it in lower case and vice versa.  Also count the no of upper and lower case characters entered.
7	Develop a program to find largest of n Numbers in an arrays using pointers and display its position.
8	Write a structure to store the roll no., name, age (between 11 to 14) and address of minimum 5 students using array of structures. Store the information of the students. Write a function by passing entire structure as a parameter to display the details of the student whose roll no is given (i.e. roll no. entered by the user).
9	Develop a program using a pointer to a structure to initialize members of structures.
10	Enter the marks of 5 students in Chemistry, Mathematics and Physics (each out of 100) using a structure named Marks having elements roll no., name, chem_marks, maths_marks and phy_marks and then display the percentage of each student.
11	Develop a program to enter two points and then calculate the distance between them using structures.
12	Develop a C programs to access members of union.
13	Develop a C program to read, display and add two TIMES defined using hour, minute and seconds. Implement addition function by passing entire structure.
14	Develop a program to enter a character and then determine whether it is a vowel or consonant using pointers.
15	Develop a C program to create an array of structures called ELECTION for storing election data containing C_Id, Name (name of the candidate), and votes (number of votes). Write a function which prints details of candidate who won the election.

16	Develop a program to read text from keyboard and open it in a file
17	Develop a program to read 60 characters, copy the string and print it using puts().
18	Develop a program to open a file and write student data in a formatted form.
19	Develop a program to count the total number of characters in a file.
20	Develop a program to read a file character by character and display it simultaneously on the screen.
21	Develop a program to merge two files into a third file by taking filenames using command line argument.
22	Develop a program to count the number lowercase, uppercase, numbers and special characters present in the content of a file.
23	<ul style="list-style-type: none"> <li>a. Develop a program to calculate area of circle using simple macro definition.</li> <li>b. Develop a program to find a cube of a number using nested macro definition.</li> </ul>
24	Develop a program to read and print array elements by allocating memory dynamically.
25	Develop a program to implement stack operations push, pop and display.
26	Develop a program to check whether string is palindrome or not using stack.
27	Develop a program to compare two files to check whether they are identical or not.
28	Develop a program to copy one file into another by copying one character at a time.
29	Develop a program to read the details of a student from a file and then print it on the screen.
30	Develop a program to modify the memory size allocation which is allocated by malloc() and calloc().