

## **FILE HANDLING**

- 1) write a program to opens file clear.c in read mode and print it.
- 2) write a program to open file fibo.c in read mode and print it .
- 3) write a program to create a.dat text file .
- 7) create and read random access file ?
- 9) write a program to append a.dat text files ?
- 11) write a program to accept item no add quantity of five items from the user and store it into the file ?
- 12) write a program to change all uppercase letters of the file into lower case ?
- 13) write a program to rename the file?
- 14) write a program to counts all words, characters and lines ?

## **STRINGS**

- 1) write a program to accept character and print its ASCII value ?
- 2) write a program to accept character and find out whether it is capital or lower alphabet or digit or special character or vowel?
- 3) write a program to accept character and find out whether it is capital or lower alphabet if it is capital then convert it into lowercase and if it is lowercase then print it into uppercase ?
- 4) use of isalnum(), isalpha(), isdigit(), ispunct(), function?
- 5) write a program to accept string and print it.
- 6) write a program to accept the string and find out its length.
- 7) write a program to accept two strings and concatenate them .
- 8) write a program to accept the string and separates words from it (use sscanf() function.)
- 9) write a program to accept a string and separates words from it.(use your own function.)
- 10) write a program to copy one string into another.
- 11) write a program to accept string and find out occurrence of the each vowels in it

## **POINTRE**

- 1) Write a program in C to find the maximum number between two numbers using a pointer.
- 2) Write a program in C to add two numbers using pointers.
- 3) Write a program in C to calculate area and perimeter of circle
- 4) Write a program in C to calculate area of rectangle.
- 5) C Program to Store Information of Students Using Structure

## **STRUCTURE AND UNION**

- 1) write a program using structure to accept and display a student information.
- 2) Accept basic pay, dearness allowance, travel allowance of an employee and calculate the salary of employee.  
DA is 35% of basic pay.  
TA is 15% of basic pay.  
HRA is 20% of basic pay.
- 3) Write using structure to calculate area and perimeter of circumference of circle.
- 4) write using structure to calculate area and perimeter square.
- 5) find out whether given time is valid or not?
- 6) write a program to print n natural number with their square.
- 7) write a program to find out area and circumference of the circle.
- 8) write a program to accept name, author, rate, quantity of n books from user and display name and total cost.
- 9) write a program to calculate average marks of the students, where student has three subjects.
- 10) find out duration between two dates

## **C PREPROCESSOR**

- 1) write a program in 'C' for finding largest of 2 numbers using a macro
- 2) macro are also used for easy understanding of a program to a new user. you can use macro instead of use macros instead of user defined words.
- 3) difference between #define SQUARE (x) x\*x and #define SQUARE (x) (x\*x)