

#### FILE HANDLING

- 1) write a program to opens file clear.c in read mode and print it.
- 2) write a program to open file fibonacci.c in read mode and print it.
- 3) write a program to create a dat text file.
- 4) read a dat?
- 5) store and read marks of the student.
- 6) create and read for matted file.
- 7) create and read random access file?
- 8) Demo of ftell() fseek() rewind()?
- 9) write a program to append a dat text files?
- 10) write a program to create master file containing following information?
- 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 in to 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 charater and print its ASCII value?
- 2) write a program to accept charater and find out whether it is capital or lower alphabet or digit or special charater or vowel?
- 3) write a program to accept charater 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 accepet string and print it.
- 6) write a program to accepet the string and find out its length.
- 7) write a program to accept two strings and concatenate them.
- 8) write a program to accepet the string and separates words from it (use sscanf() function.)
- 9) write a program to accepet 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 accepet string and find out occurence of the each vowels in it.



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- 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 travelence allowance of n empolyee and calculate the salary of



## STRUCTURE AND UNION

- 1) write a program using structure to accept and display a student information.
- 2) Accept basic pay dearness allowance travelence allowance of n empolyee and calculate the salary of empolyee.  
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 perimetre of circumfernce of circle.
- 4) write using structure to calculate area and perimeter squar.
- 5) find out whethear given time is valld or not?
- 6) write a praogram to print n natural number with their square.
- 7) write a program to find out area and circumfernce 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 thre subjects.
- 10) find out duration between two date

3) write using do while to calculate area and perimeter or circumference of circle.

4) write using structure to calculate area and perimeter squar.

5) find out whethear given time is valid or not?

6) write a praogram to print n natural number with their square.

7) write a program to find out area and circumfernce of the circle.

8) write a program to accepel 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 thre subjects.

10) find out duration between two date

#### C PREPROCSSOR

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)`