***EASY---FDS Difficulty Level-1***

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| **No.** | **Topic** |
| 1 | WA menu driven program in c to perform the following operations using functions.   * 1. Fibbonaci series (recursive)   2. Factorial of a number (recursive)   WA menu driven program in c for swapping of two numbers using pass by reference (using pointers)  Finding prime number. |
| 2 | **WA Menu Driven Program to perform following Matrix Operations.**   1. Addition 2. Subtraction 3. Transpose |
| 3 | **WAP for Structure manipulation (for student database) The menu for this is as follows**   1. Create 2. Modify 3. Delete 4. Print |
| 4 | **Write a Menu driven program to perform various string operations with and without using library function.**   1. String length 2. Copy 3. Reversing |
| 5 | **WA menu driven program to perform following Search algorithm.**  1. Binary Search iterative |
| 6 | **WAP to perform Sorting Using Simple Sort Algorithm**   1. Selection 2. Insertion 3. Bubble |
| 7 | You are given a data file EMPLOYEE.DAT with the following record structure:  struct employee {  int empno ;  char name[30] ;  int basic, grade ;  } ;  Every employee has a unique empno and there are supposed to be no gaps between employee numbers. Records are entered into the data file in ascending order of employee number, empno. It is intended to check whether there are missing employee numbers. Write a program to read the data file records sequentially and display the list of missing employee numbers. Also sort the names stored in the array name in alphabetical order. |