**WEEK-4 (27 Jan - 1 Feb 2020)**

**[CO 1]**

1. Write a program in C to input a list of names from user and do the following
   1. Write these names onto a file
   2. Read this list of names from the file and sort them alphabetically
   3. Write this sorted list onto another file
2. Write a program in C to do the following
   1. To read n integers from user
   2. Write these integers onto a file
   3. Read the file and determine largest and smallest elements in the list and finally write these values at the end of file
3. Write a program to compare two files specified by the user, displaying a message indicating whether the files are identical or different.
4. Write a file copy program which copies the contents file “File1.txt to “File2.txt”.
5. Write a program in C that opens two files as FILE1.txt and FILE2.txt. Have the program print line1 of the first file, line 1 of the second file, line 2 of the first file, line 2 of the second file and so on, till end of either of the file. When one file ends before the other, the rest of the content of other file is copied.
6. Here is a snapshot of a file which stores students’ details:

Sno Branch Name

1 CS Ram

2 IT Shyam

3 BT Sita

* 1. Create a file of above type having 10 such records. Then through a C Program, read this file and display all students, branch wise.
  2. Modify above program by including students’ CGPA too. Now read the file and display the branch wise topper.

1. Write a program to store Customer records in the data report of a store. Customer data is recorded as follows in file customer.txt.

S.no Customer Age

1 Archie 22

2 Jughead 21

3 Betty 23

4 Veronica 18

5 Joey 24

6 Chandler 25

Read the records from file and create an array of customers that stores the customers’ data. Display all customers who are older than 20 years.