WEEK-4 (27 Jan - 1 Feb 2020)

[CO 1]

Q 1. Write a program in C to input a list of names from user and do the following
   a. Write these names onto a file
   b. Read this list of names from the file and sort them alphabetically
   c. Write this sorted list onto another file

Q 2. Write a program in C to do the following
   a. To read n integers from user
   b. Write these integers onto a file
   c. Read the file and determine largest and smallest elements in the list and finally write these values at the end of file

Q 3. Write a program to compare two files specified by the user, displaying a message indicating whether the files are identical or different.

Q 4. Write a file copy program which copies the contents file "File1.txt to "File2.txt".

Q 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.

Q 6. Here is a snapshot of a file which stores students' details:

Sno	Branch	Name
1	CS	Ram
2	IT	Shyam
3	BT	Sita

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

Q 7. 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.