**Assignment – 8** (files)

1. Story.txt file contains the following story. Read the content and display it on the screen using a C program:

Story.txt

One night four college students were out partying late night and didn’t study for the test which was scheduled for the next day. In the morning, they thought of a plan. They made themselves look dirty with grease and dirt. Then they went to the Dean and said they had gone out to a wedding last night and on their way back the tire of their car burst and they had to push the car all the way back. So they were in no condition to take the test.

The Dean thought for a minute and said they can have the re-test after 3 days. They thanked him and said they will be ready by that time. On the third day, they appeared before the Dean. The Dean said that as this was a Special Condition Test, all four were required to sit in separate classrooms for the test. They all agreed as they had prepared well in the last 3 days. The Test consisted of only 2 questions with the total of 100 Points:

**1) Your Name?** \_\_\_\_\_\_\_\_\_\_ (1 Points)

**2) Which tire burst?** \_\_\_\_\_\_\_\_\_\_ (99 Points)  
Options – **(a)** Front Left **(b)** Front Right **(c)** Back Left **(d)** Back Right

1. Read the file *Story.txt* (in Q3) and display the contents on screen line by line using C program.
2. Write a C program to illustrate working with multiple files. (Hint: create a file with few functions defined in it; include it as a header file in another .c file containing main function)
3. Can you open a file both for reading and writing? What is the pros and cons of doing this?

1. Practice file pointers using functions seekp(), seekg(), tellp() and tellg().
2. Write a C program to count:
3. Number of characters in a file
4. Number of words in a file
5. Number of lines in a file
6. How would you copy the contents of a file into another file using C program?