Task 1
 Create a file named program.txt with the following contents.
/* The greeting program. This program demonstrates */
/* some of the components of C program */
/* written by your name here */
/* Date program written */
#include <stdio.h>
{
/* statements */
printf("Hello World: \n");
return 0;
}/* main */

Write sed script pgmscript.sed and a sed command to delete the comments from the file program.txt.

Task 2
Create a file named courses.txt with the following contents
Dept. Course Sessions Enrollment

Dept.	Course	Sessions	Enrollment
CIS	15	1	45
CIS	54	1	20
BUS	34	2	20
ENG	11	2	89
CIS	45	1	38
MTH	35	1	56
MTH	35	2	41
PE	17	2	25
CTS	54	2	67

a. Use one command to sort the file on department, course, and session. The resulting file should be first ordered by department, within equal departments, it should be ordered by the course, and within equal courses, it should be ordered by session. (Hint: Use three field separators)

Task 3
b) For the question in Task 2, write AWK scripts to
find the total number of sessions
find the average students enrolled
How many courses are there in the given department?