

**ENCS3130**

**Prepared by:**

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**Partner name:**

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**Instructor:** Dr. Aziz Qaroush

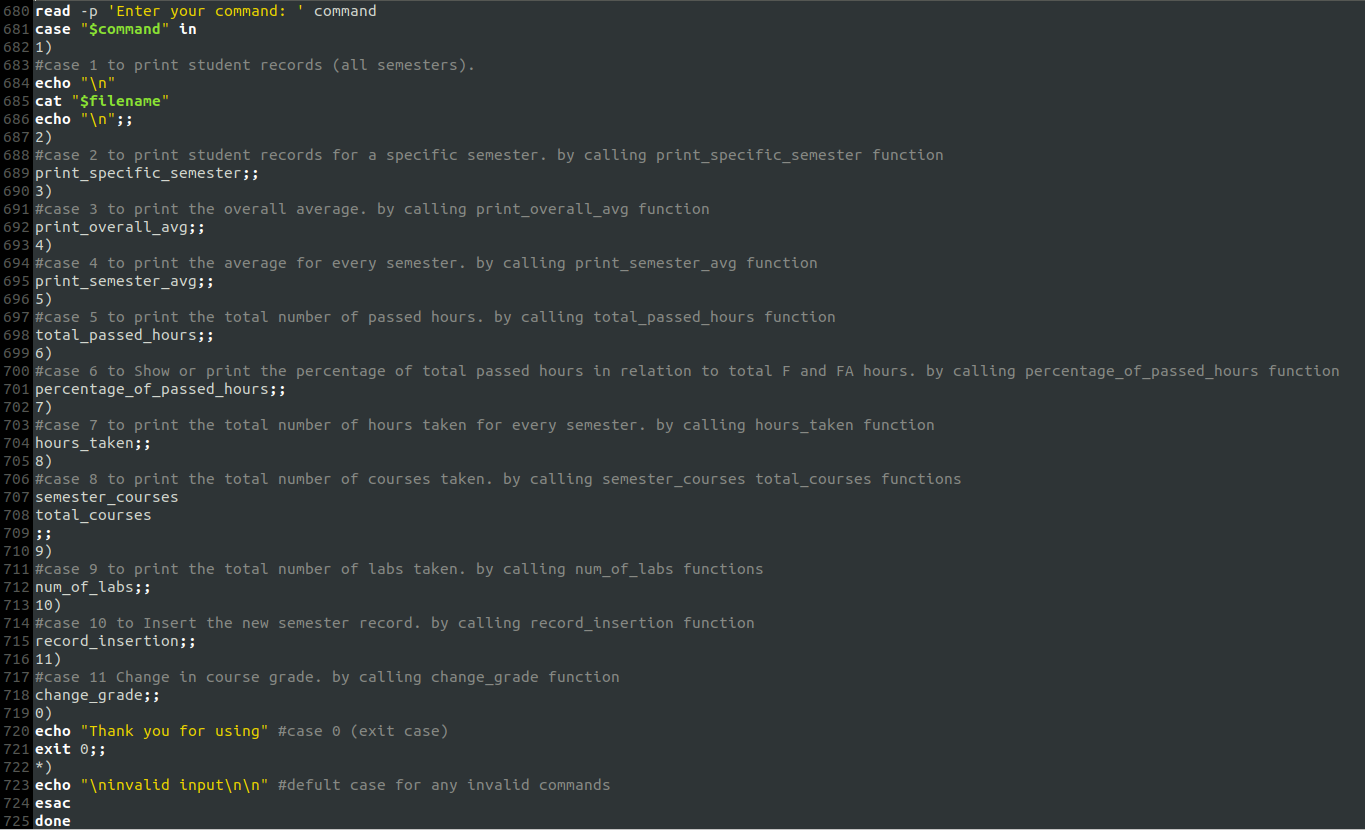
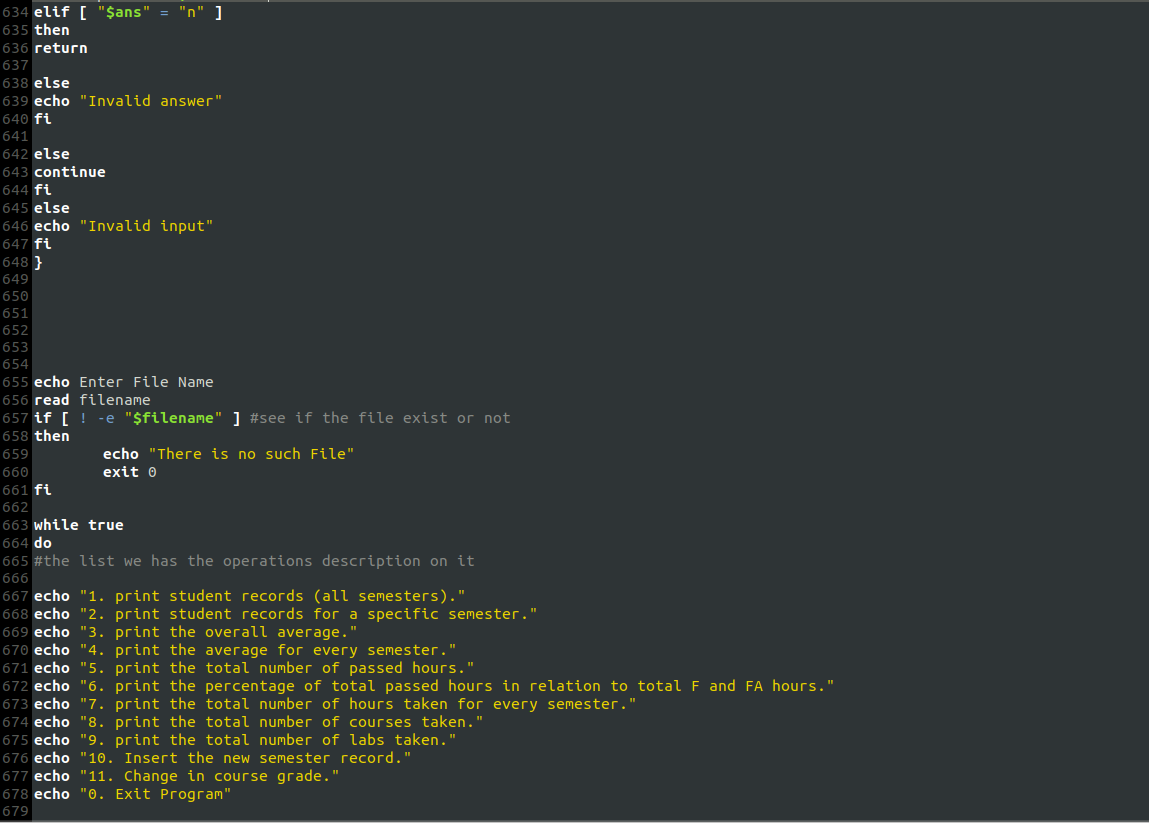
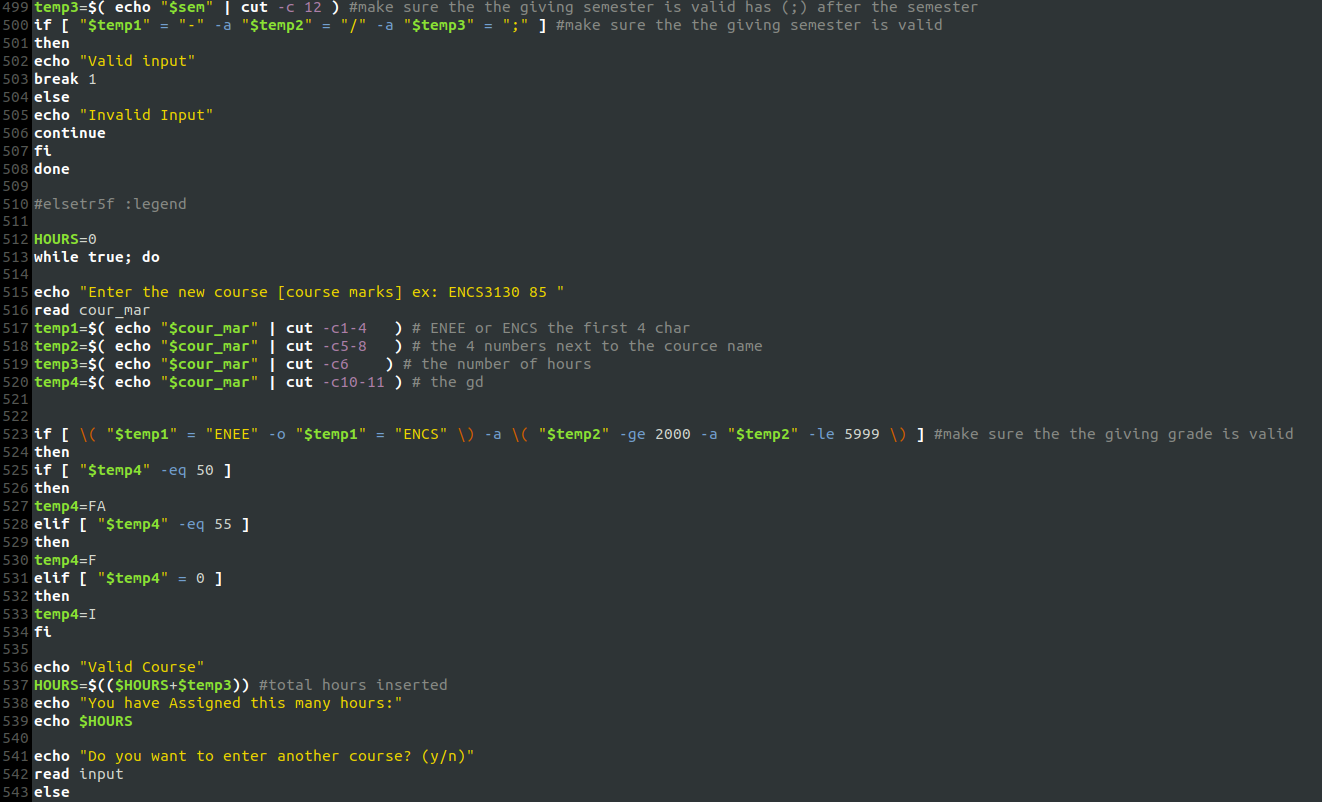
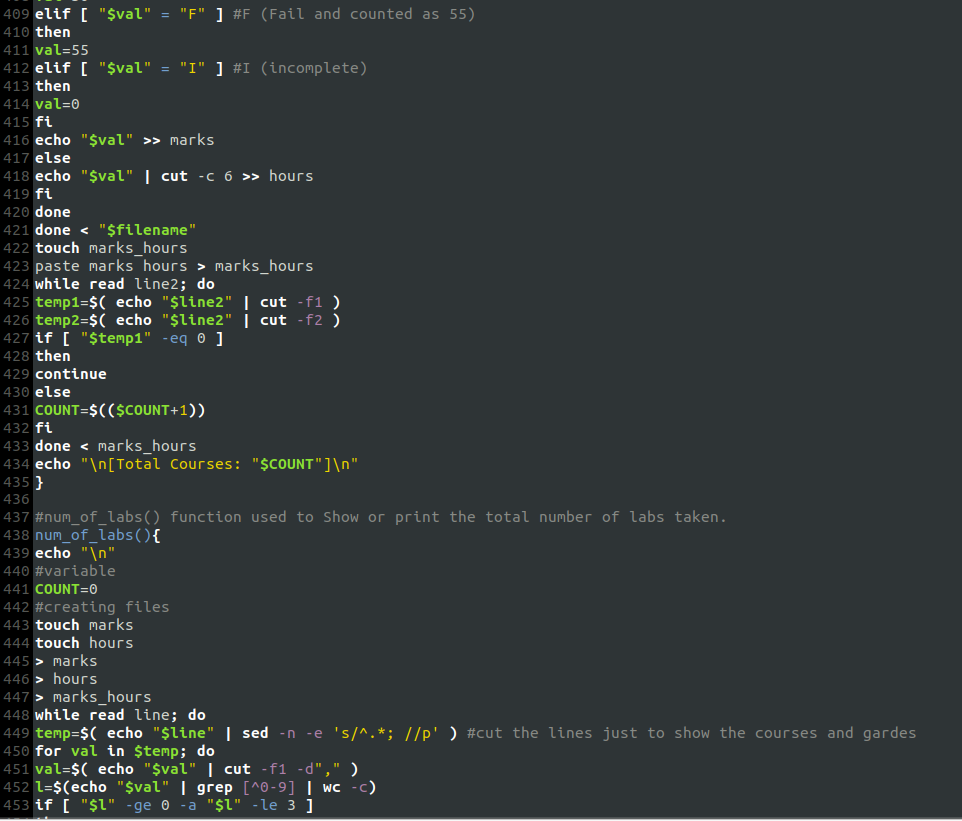
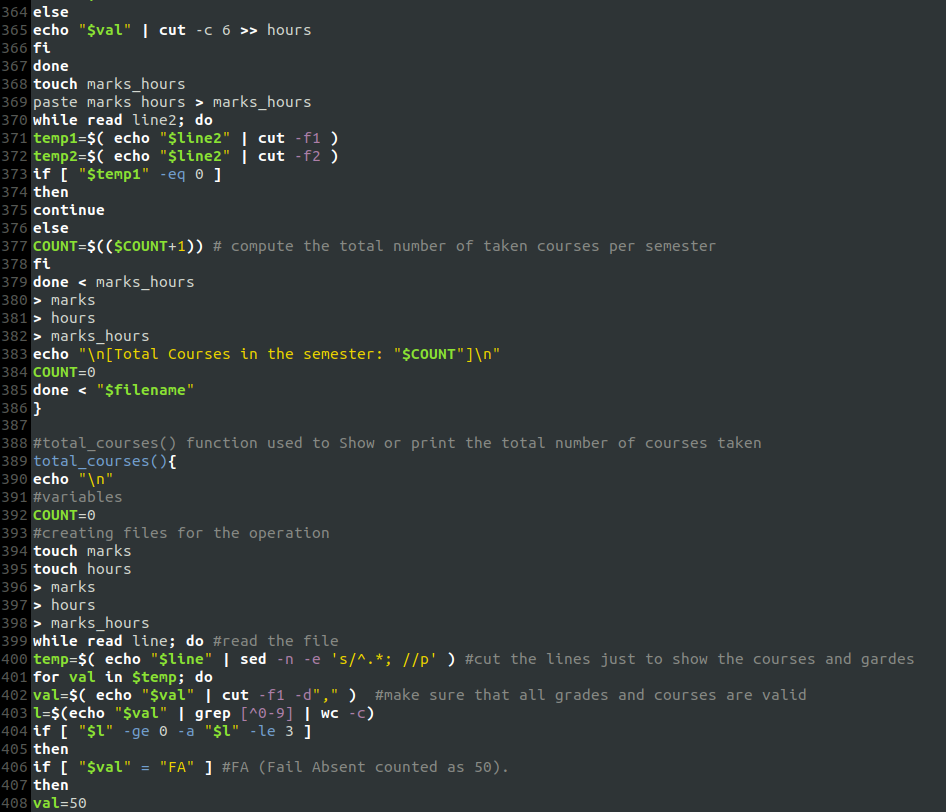
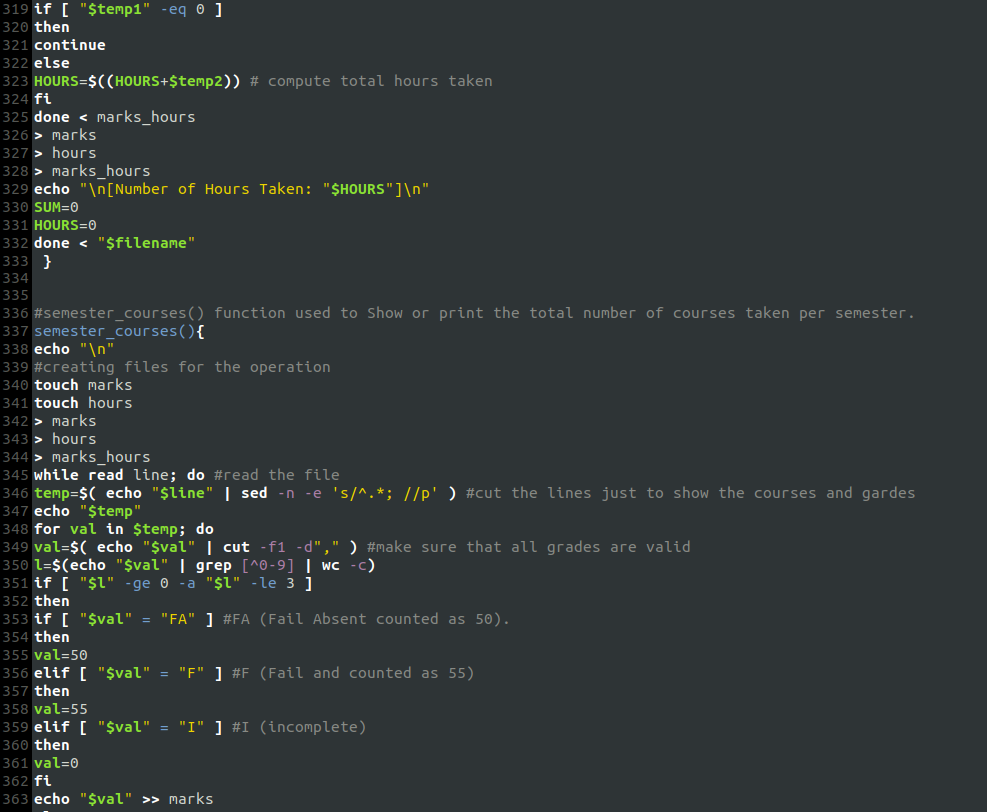
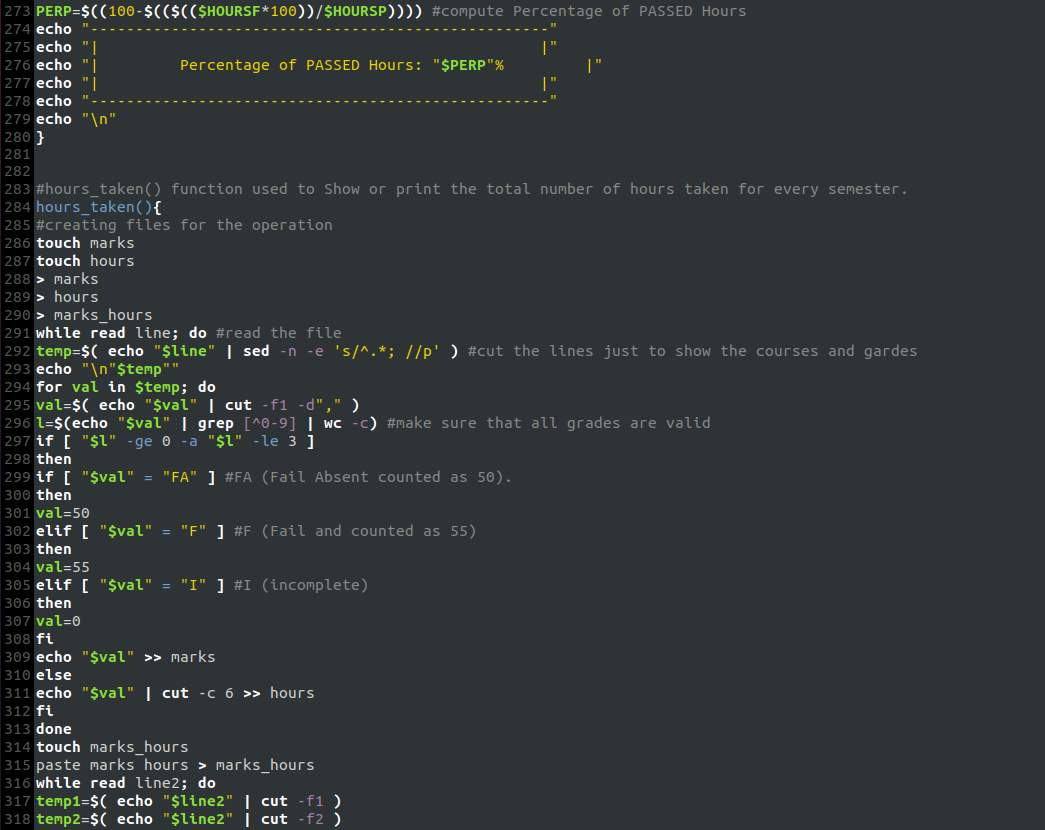
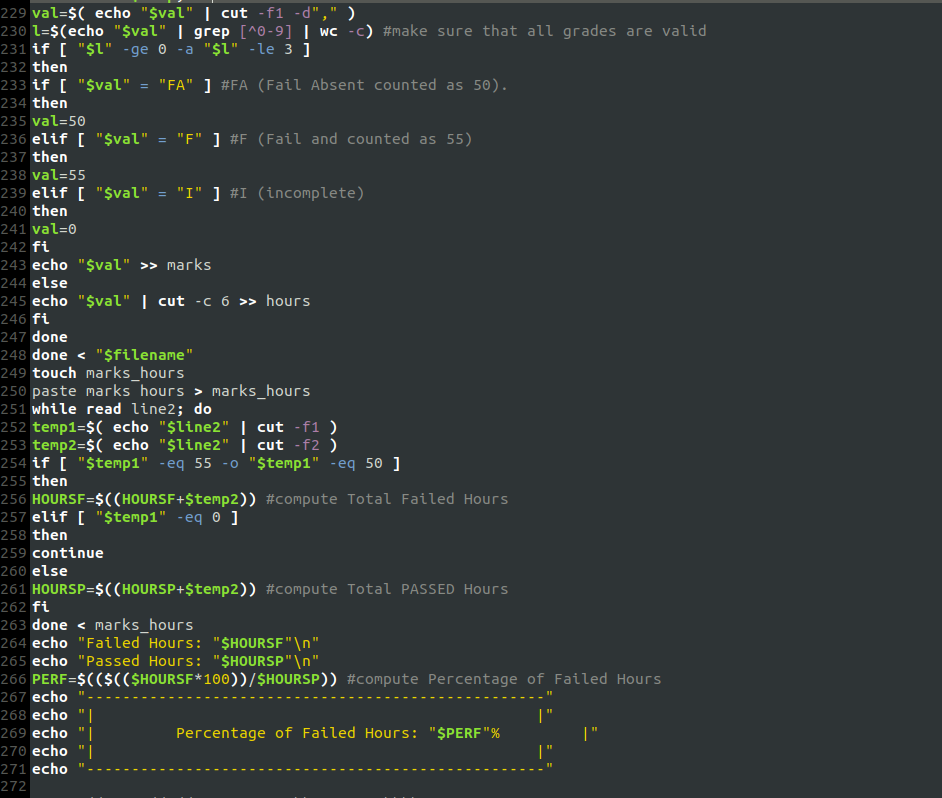
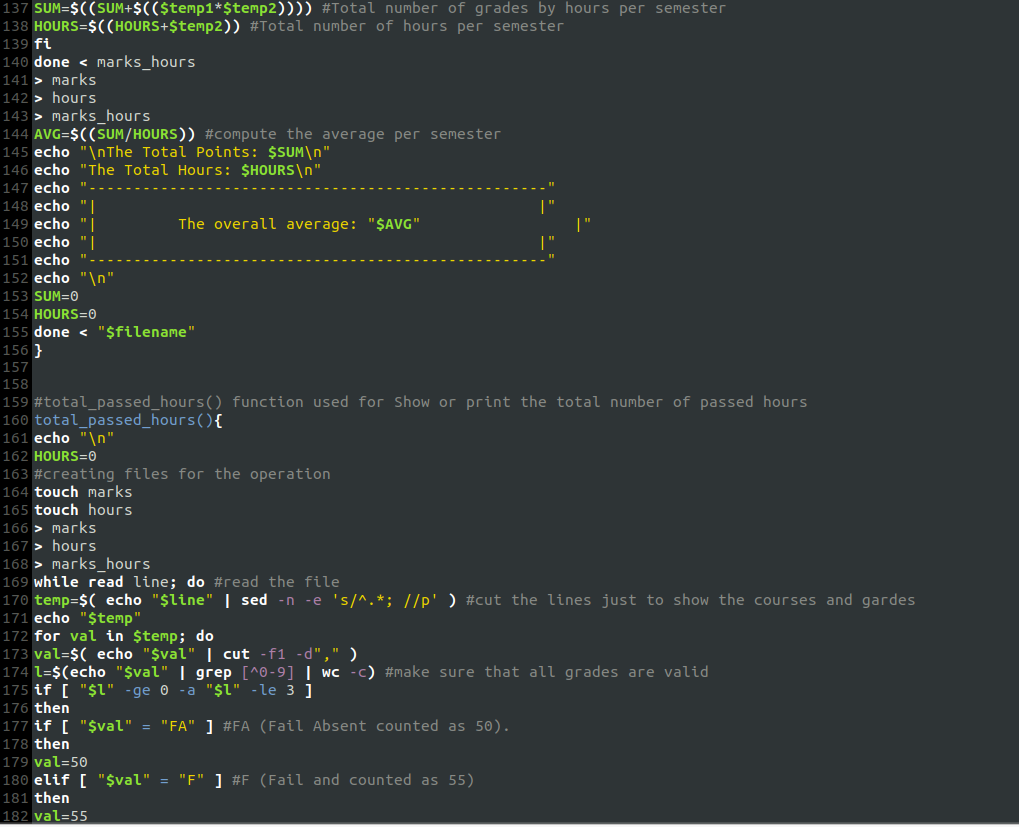
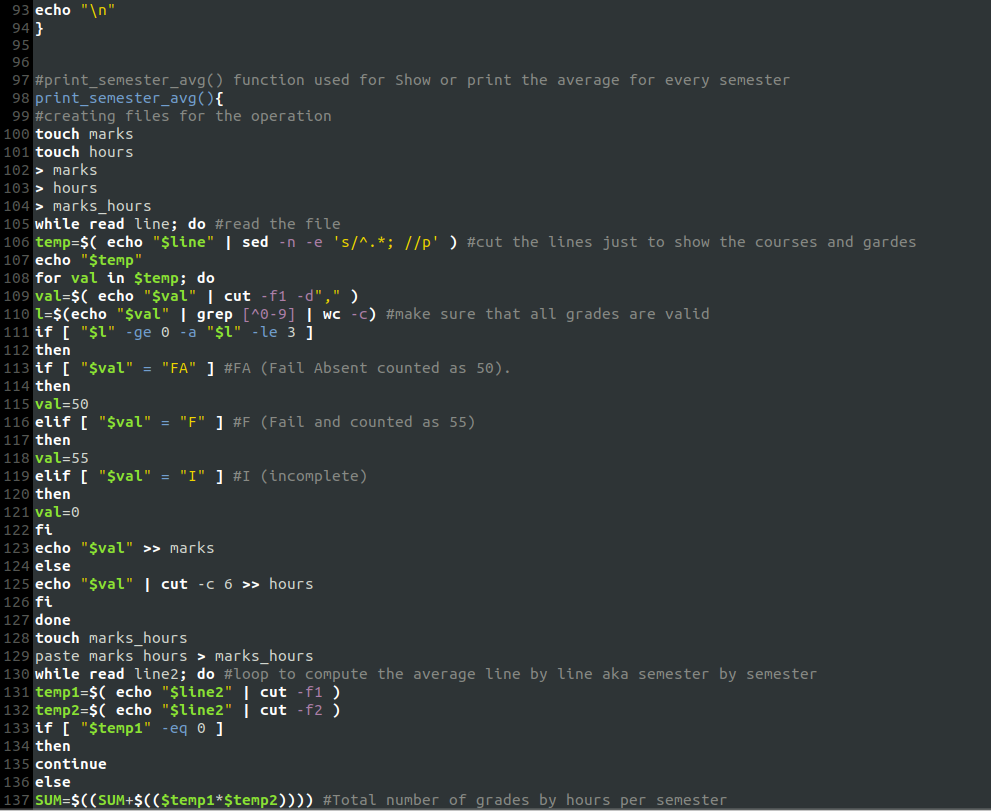
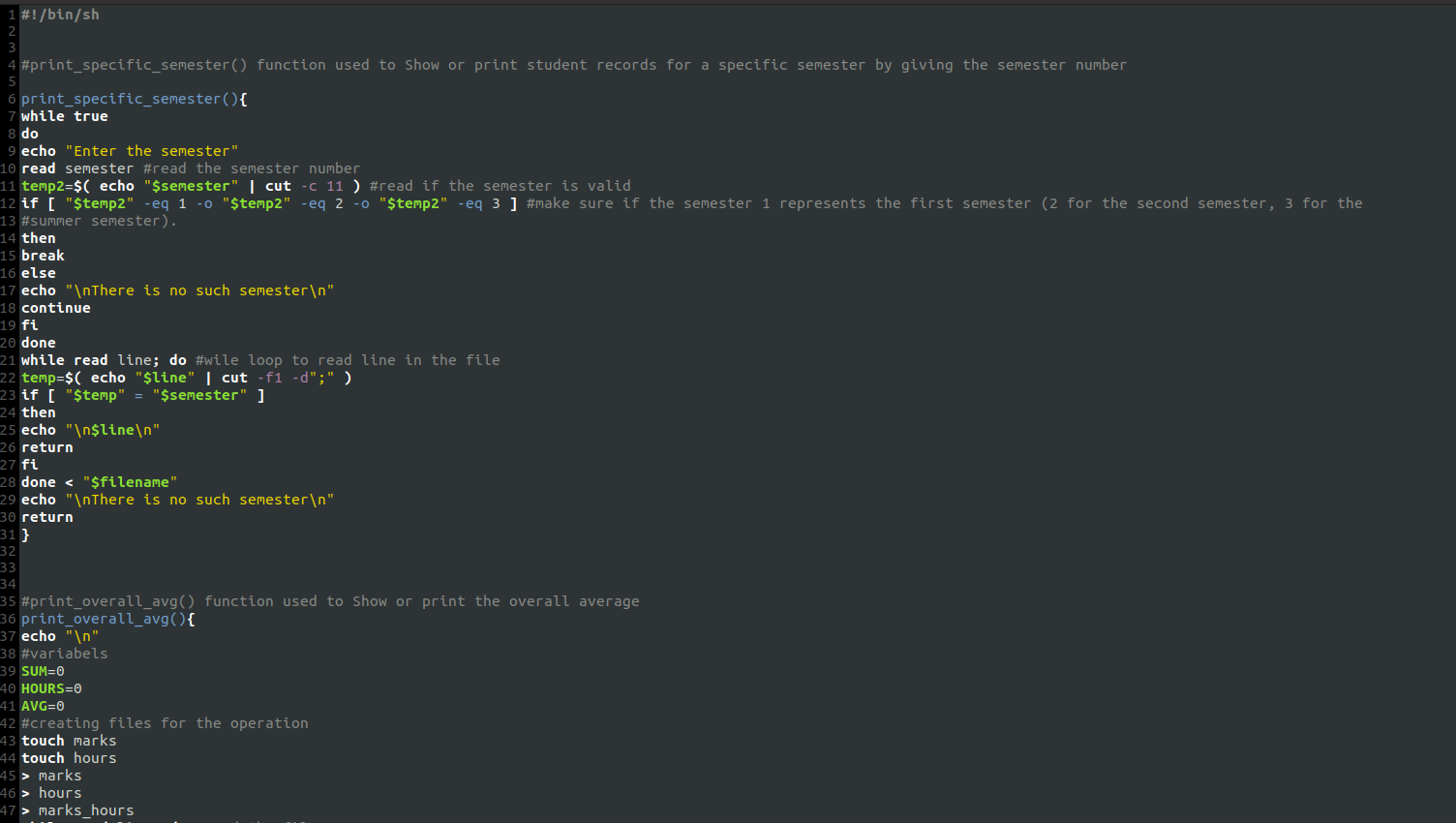
**Assistant:** Eng. Shahd Muhareb

**Date: 8/5/2022**

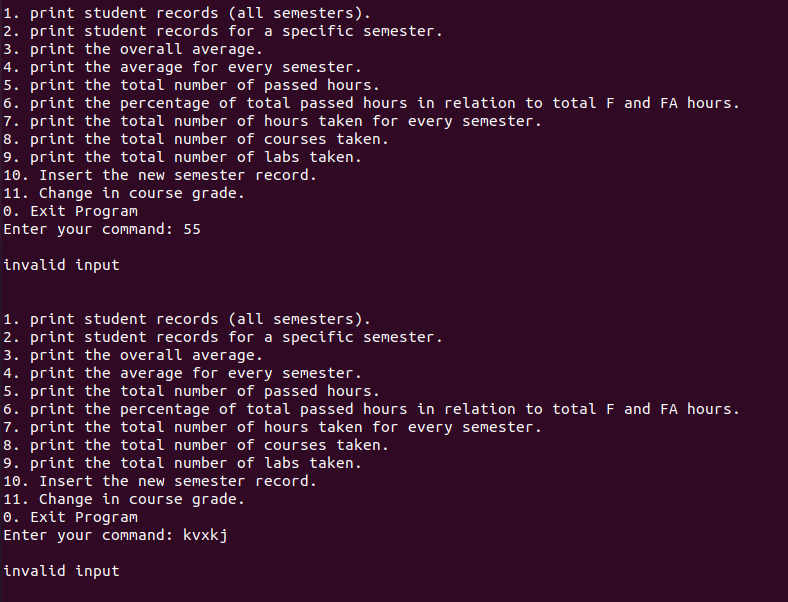
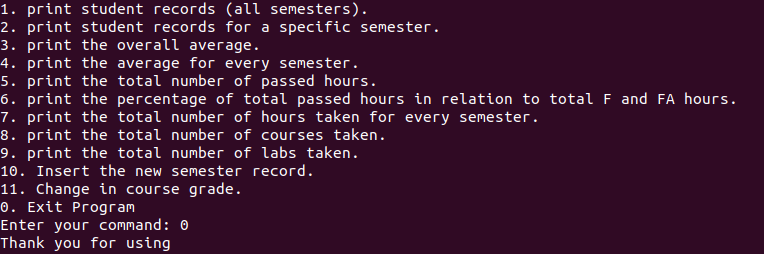
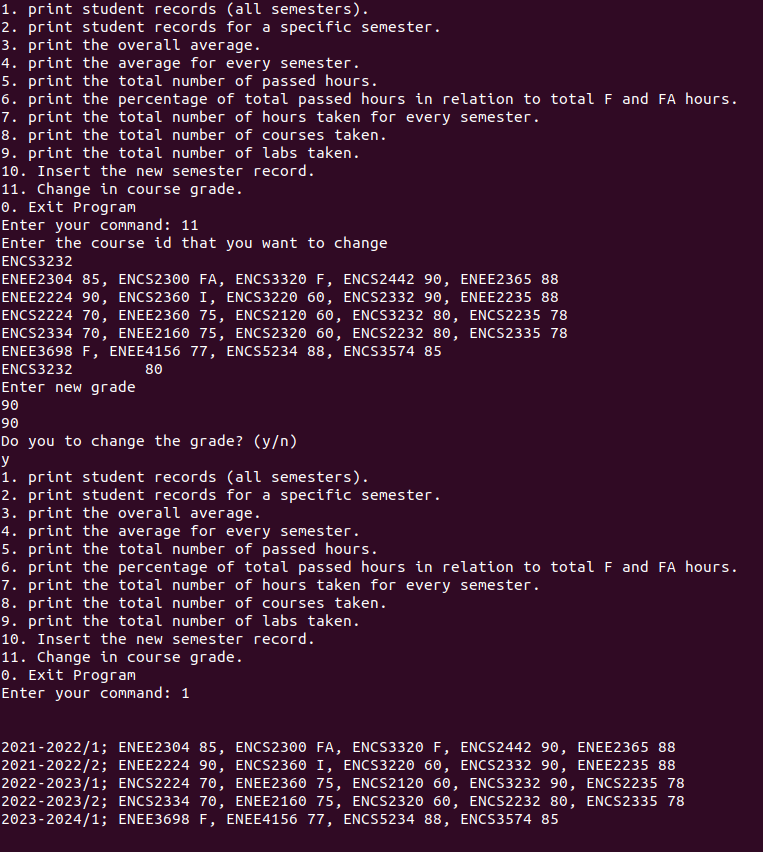
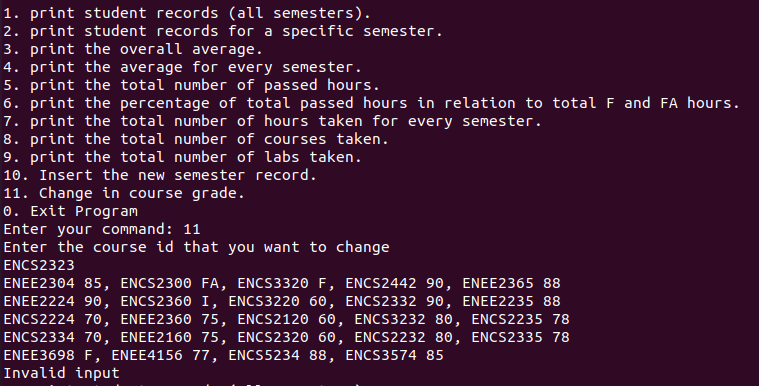
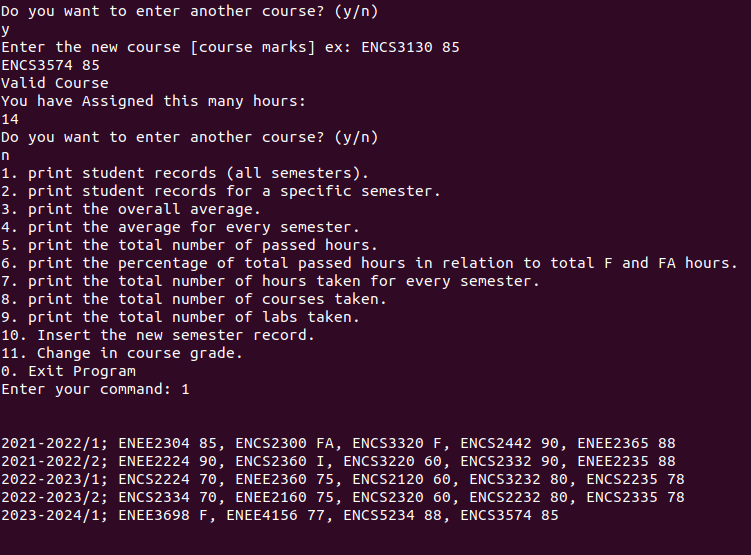
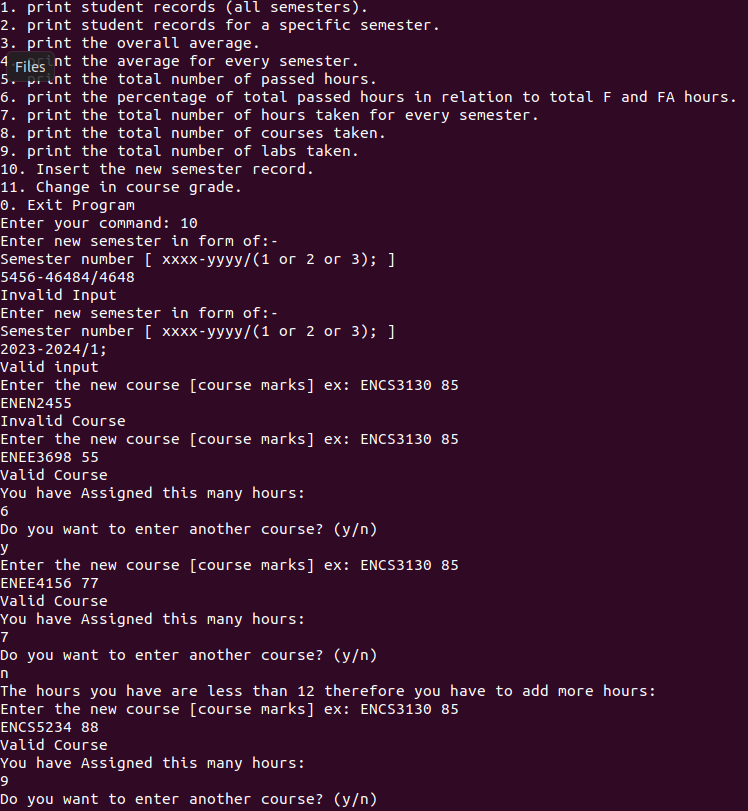
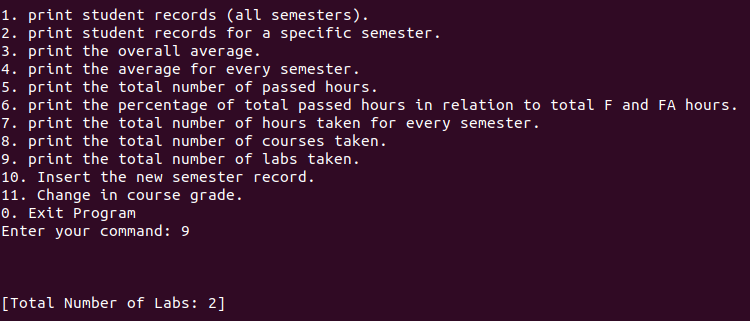
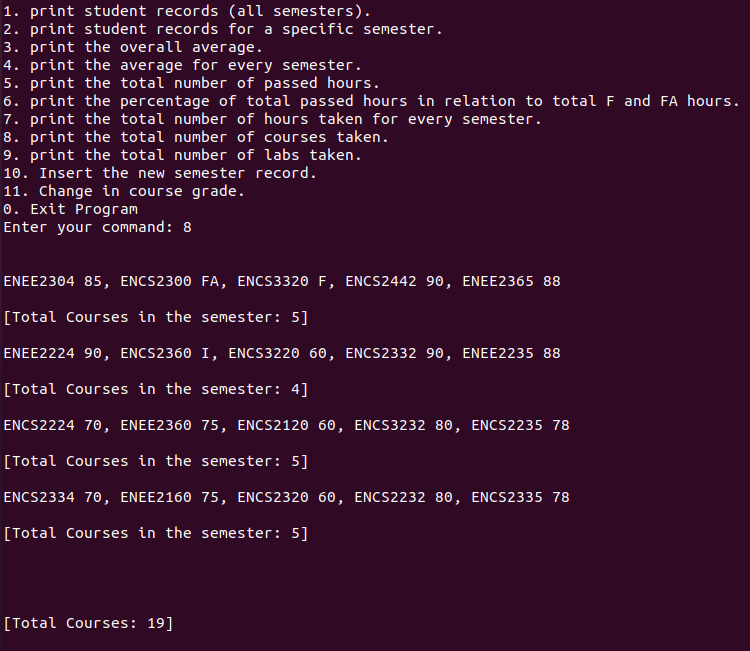
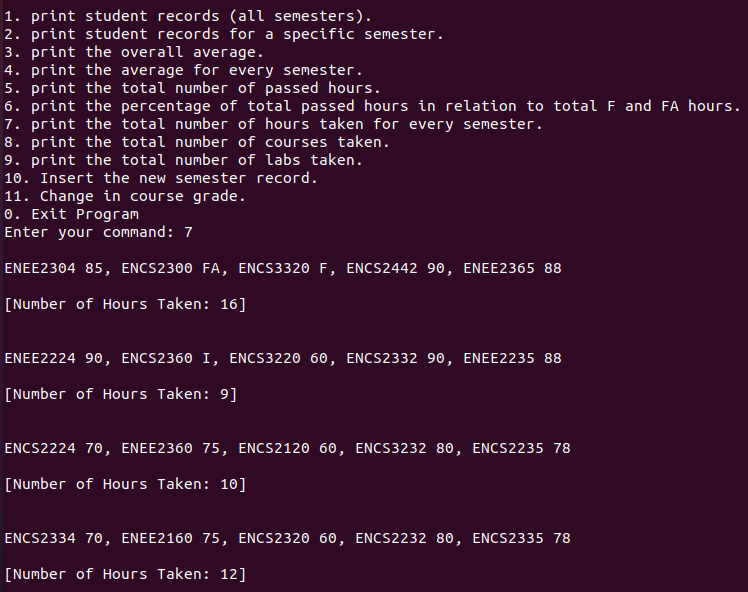
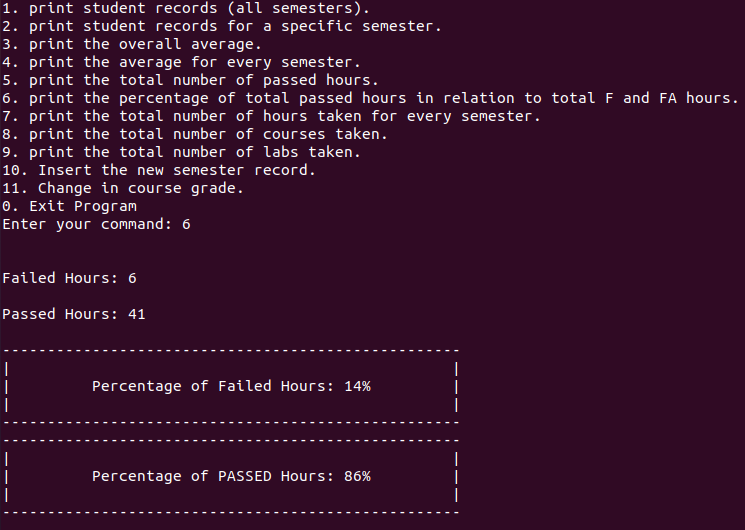
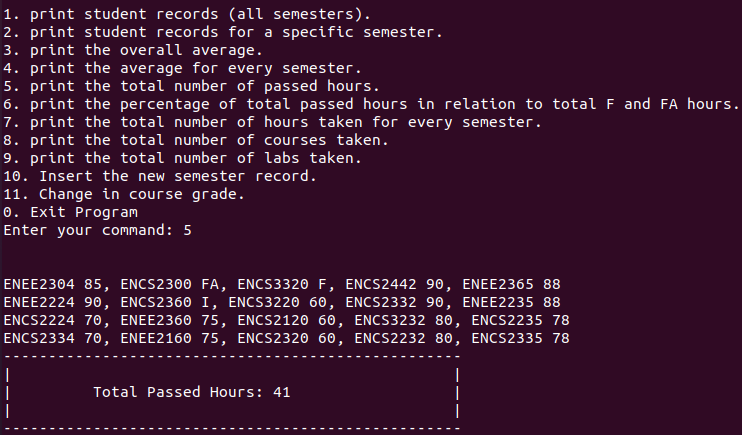
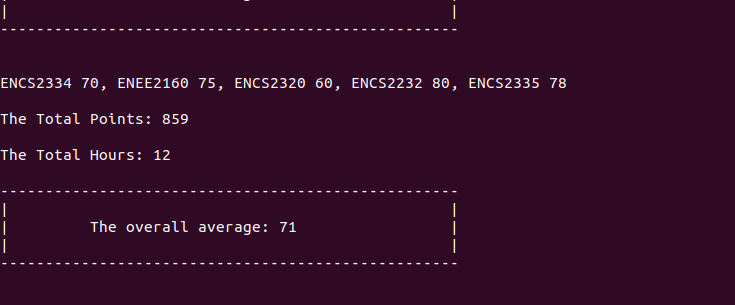
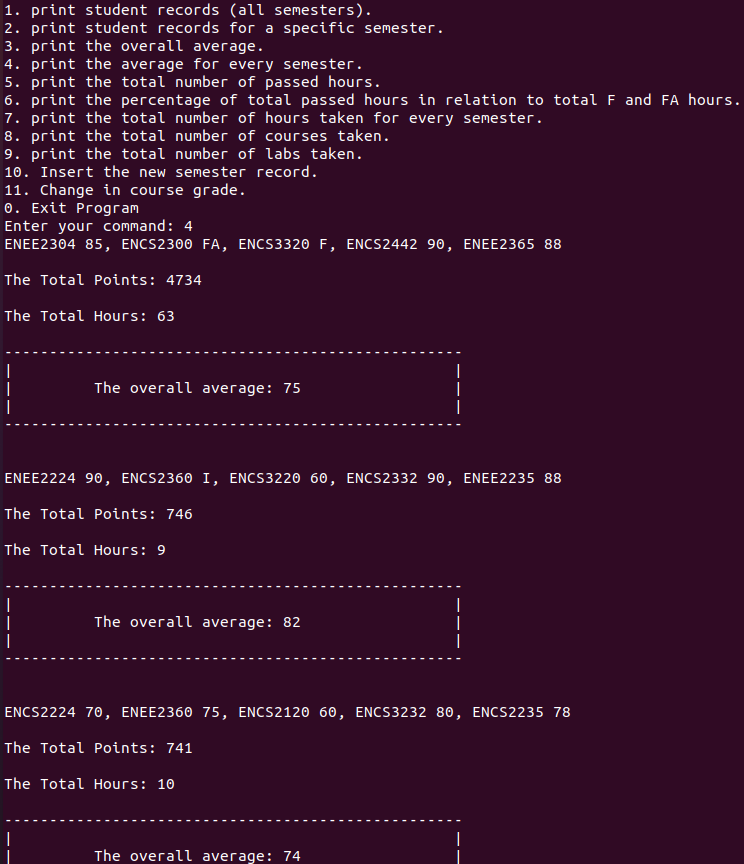
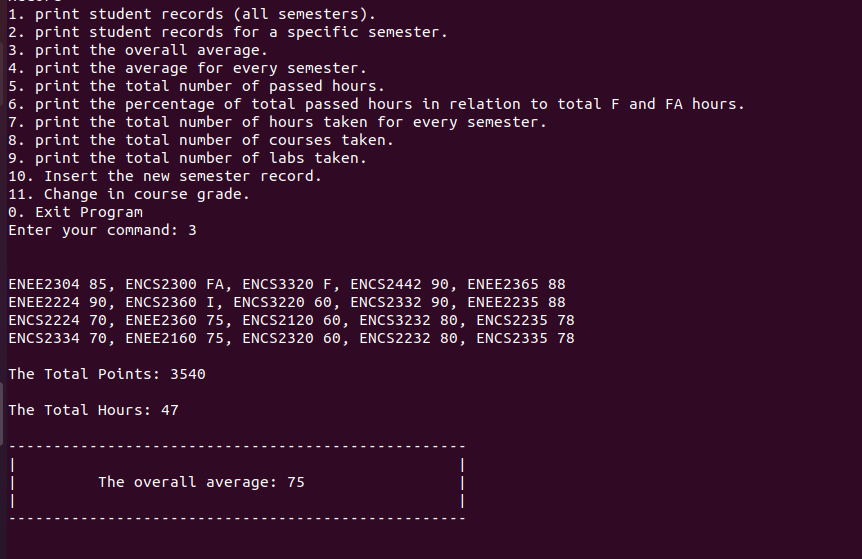
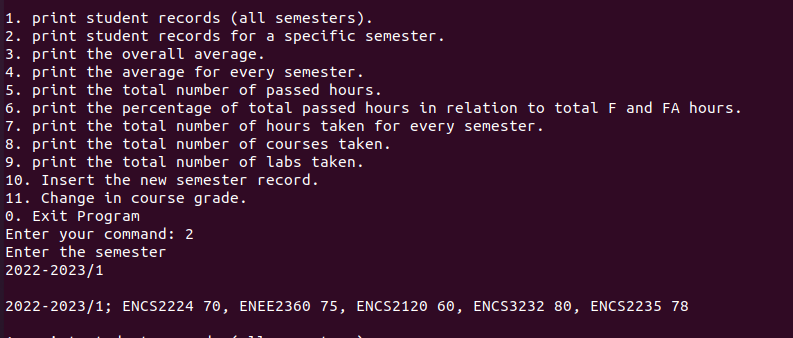
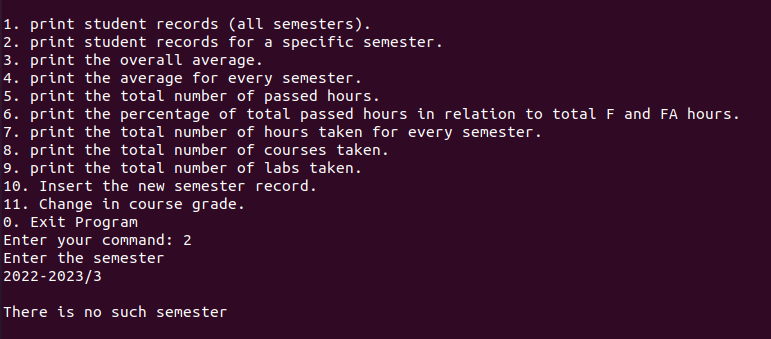
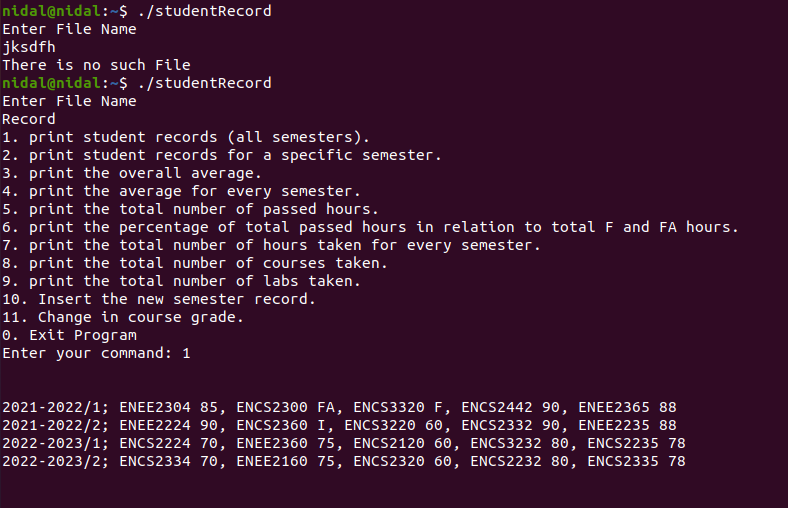
**Code Idea:-**

The code used to do some operation on Student record from text file. First operation is to print all the semesters for the student. The second operation is to print specific semester based on the semester number given. The third operation is to compute the overall average for all semesters. The fourth operation is to print the average for each semester. The fifth operation is to print the total passed hours for the student. The sixth operation is to print the percentage of total passed hours in relation to total F and FA hours. The Seventh operation is to print the total number of hours taken for every semester. The eighth operation is to Show or print the total number of courses taken. The ninth operation is Show or print the total number of labs taken. The tenth operation is to insert the new semester record. The last operation is to change in course grade

**The Code:-**

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**Examples:-**

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