

Problem 1

Finals.csv

Student number	Student name	Midterm	Finals
2k1-1	Naruto	1.5	2.0
2k1-2	Sasuke	3.0	4.0
2k1-3	Gaara	1.25	1.75
2k1-4	Kakashi	1.0	2.0
2k1-5	Tsunade	3.25	3.25
2k1-6	Jiraiya	1.75	2.25
2k1-7	Orochimaru	4.75	2.75
2k1-8	Itachi	3.12	3.12
2k1-9	Neji	1.5	2.75
2k1-10	Choji	3.25	2.75

Input: Student number

Required: Locate the student number from the csv file. If found, display the student number and student name , midterm and finals. Compute and display the average. If not found, display the message : “Student number does not exist”

Design your own gui layout.

Problem 2:

A] Data Entry

B] View

C] Close

Select an option

Input should accept upper or lower case letters. Display an error message if input is not a,b or c

Data entry:

Input the student ID (char) and Student name.

Additional premise: no duplicate for student number. Display the appropriate error message via dialog box if there is a duplicate entry. If there is no duplicate, save to csv file

View:

Display the contents of the csv file with header

Close:

Close the program

Problem 3:

Units enrolled

Additional fees:

☐ SIS 250 ☐ Library 100 ☐ ID 100 ☐ Misc. 200
☐ Full scholar ☐ partial scholar ☐ Non scholar

Total fees

Total fees = units enrolled * 12 + items checked in checkbox

Full scholar: Total fees =0

Partial scholar : Total fees = 1/2 of actual total fees

Non scholar : Total fees as is

You can edit the layout of the gui