

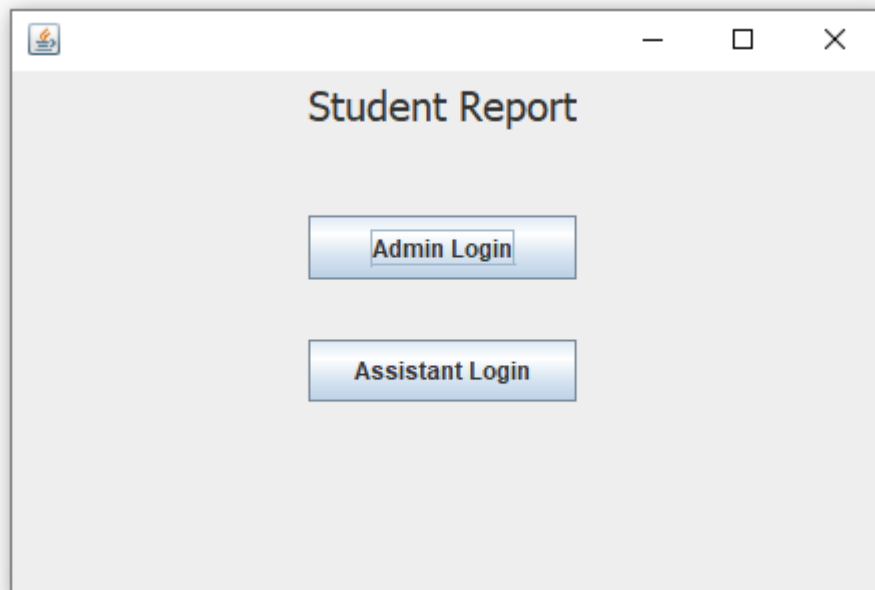
FACULTY OF EIT – IT DEPARTMENT
COMPUTER PROGRAMMING II: ITCS 2301

FINAL PROJECT || Student Report Project

About:

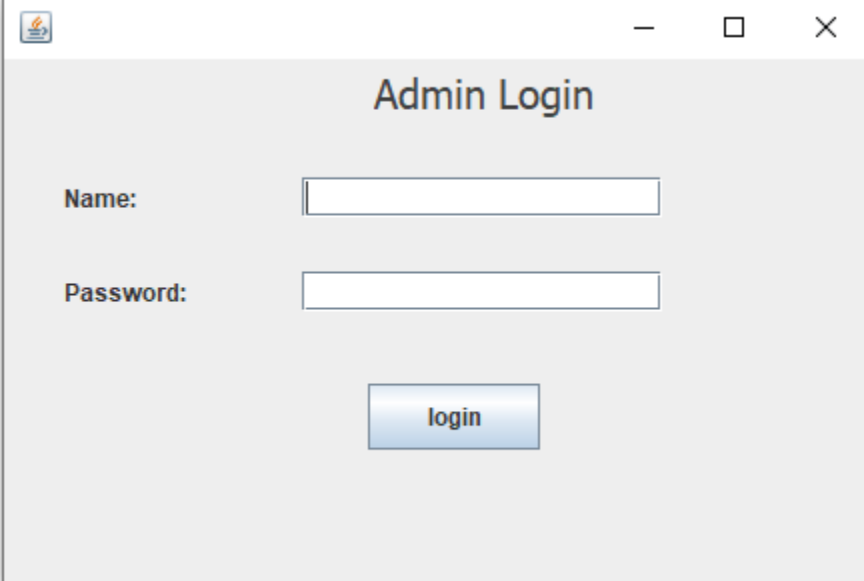
The final project will improve your programming skills with java by using more advanced concepts and techniques discussed in class. Specifically, it asks you to create a GUI program that simulates student's reports as shown below:

When your program starts, it will display a **main window** that contains two buttons for Admin login and Assistant login.



Admin login:

When the Admin Login button is clicked, the program will display the **Admin login** window.



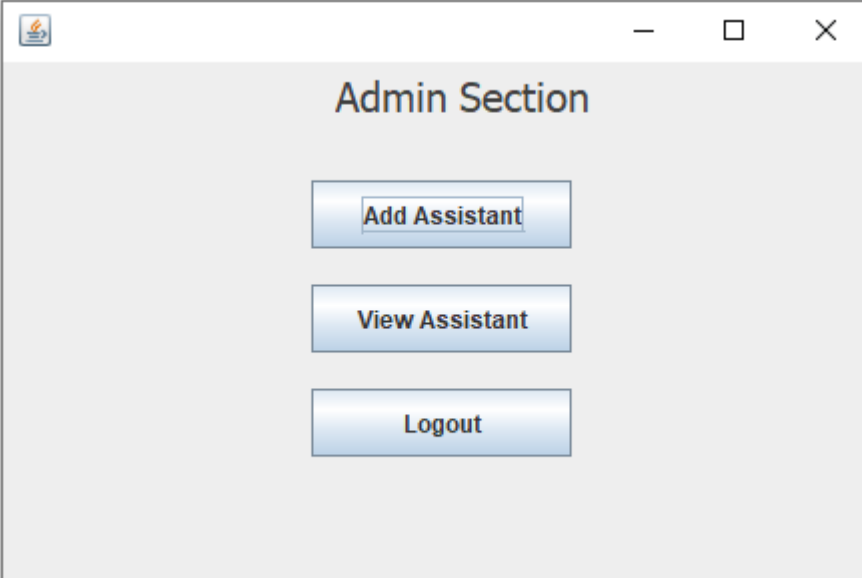
The image shows a window titled "Admin Login". It has a light gray background and a white title bar with standard Windows window controls (minimize, maximize, close). The window contains two text input fields: one labeled "Name:" and one labeled "Password:". Below these fields is a blue button with the text "login".

To login, Enter in the text fields:

Name: admin

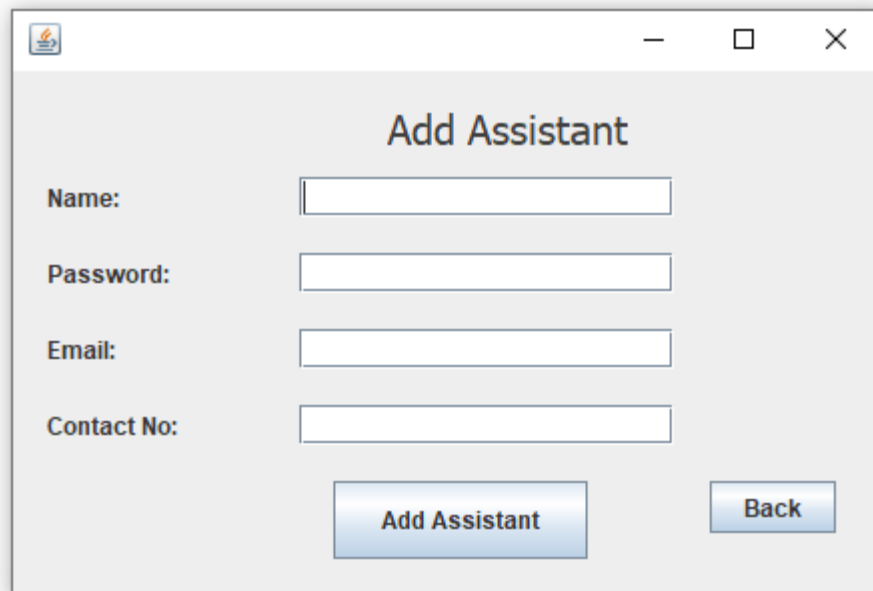
Password: admin123

Then, click on login button, so it will open the **Admin Section**:



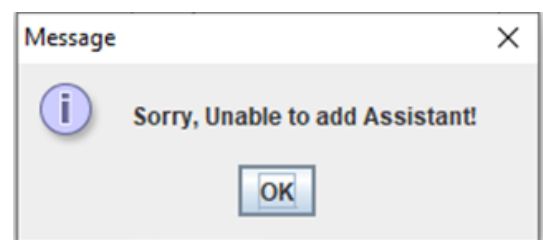
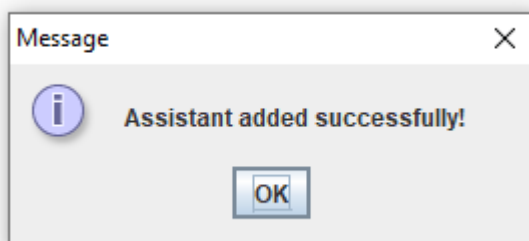
The image shows a window titled "Admin Section". It has a light gray background and a white title bar with standard Windows window controls (minimize, maximize, close). The window contains three blue buttons stacked vertically: "Add Assistant", "View Assistant", and "Logout".

Click on **Add Assistant**:



A screenshot of a web application window titled "Add Assistant". The window has a standard Windows-style title bar with a minimize button, a maximize button, and a close button. The main content area is light gray and contains the title "Add Assistant" in a large, bold, black font. Below the title, there are four input fields, each preceded by a label: "Name:", "Password:", "Email:", and "Contact No:". Each input field is a simple white rectangle with a thin gray border. At the bottom of the form, there are two buttons: "Add Assistant" and "Back". Both buttons are light blue with a slight gradient and a thin gray border.

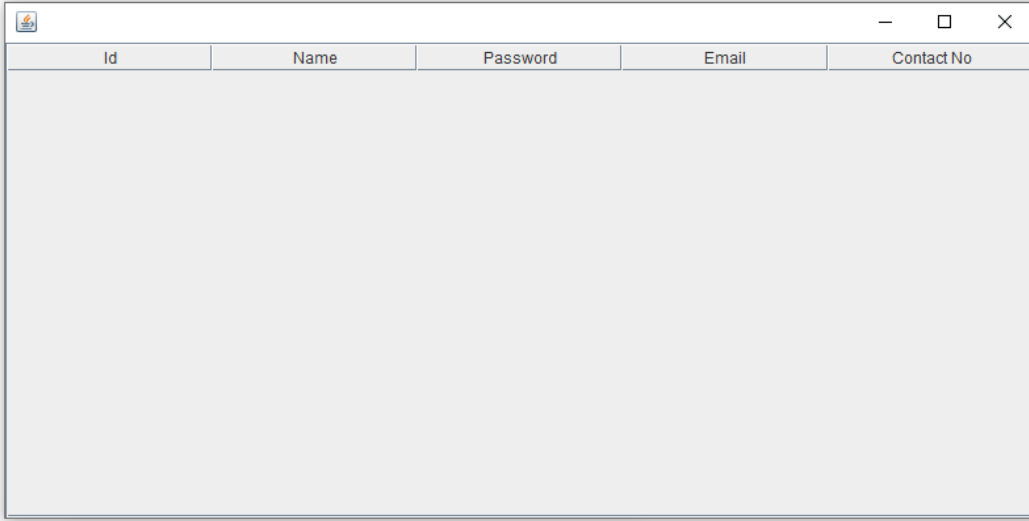
In this window, you can add assistant in the system, then click on **Add Assistant** button to show the message "Assistant Added successfully" if the process is done, or "sorry, unable to Add Assistant" if not.



Click on **back** button, to back to the Admin Section.

In the **Admin Section**, click on **View Assistant** button.

It will show a **table** of Assistants information that is added.

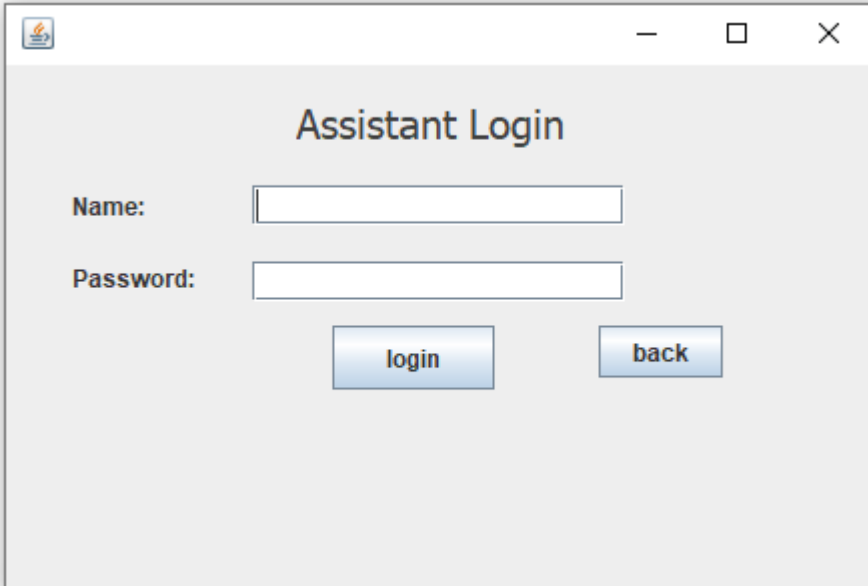


Id	Name	Password	Email	Contact No
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In the **Admin Section**, When you click on **logout** button, it takes you back to the main window (Report Student).

In the main window, click on Assistant login button:

Assistant login :



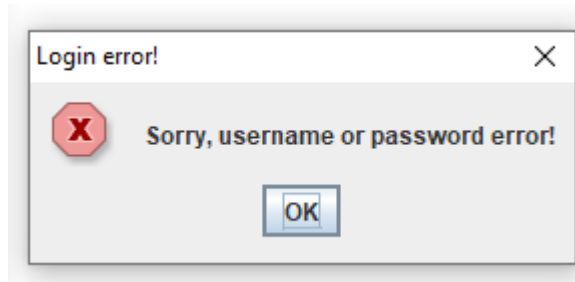
Assistant Login

Name:

Password:

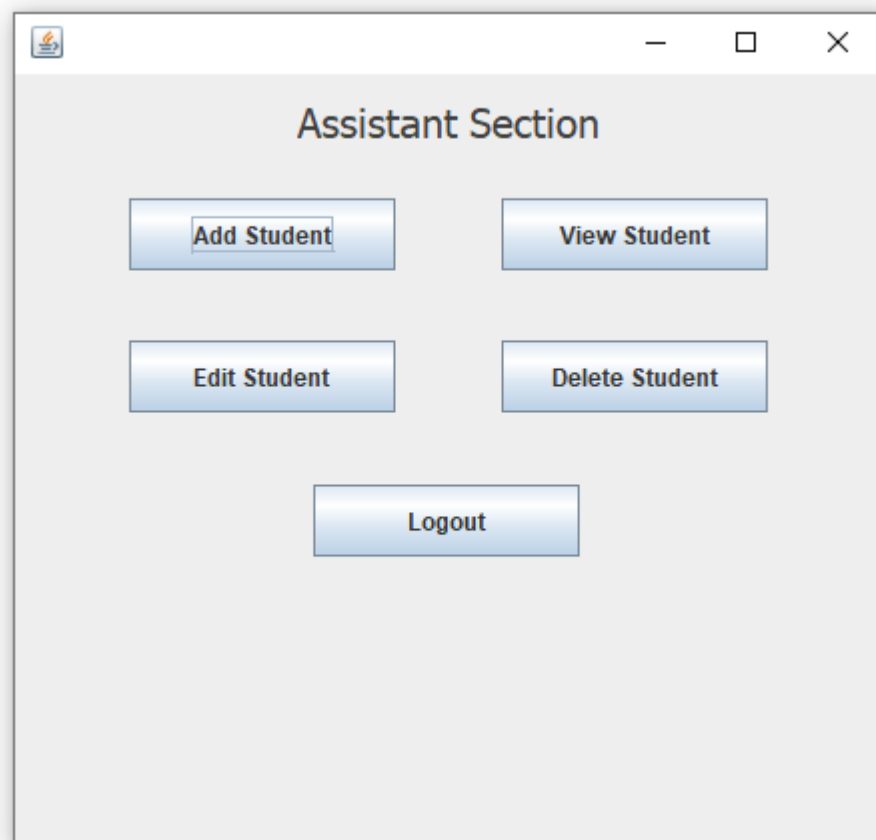
Use the name and password which you stored when you added assistant.

If you entered wrong username or password, show the message :

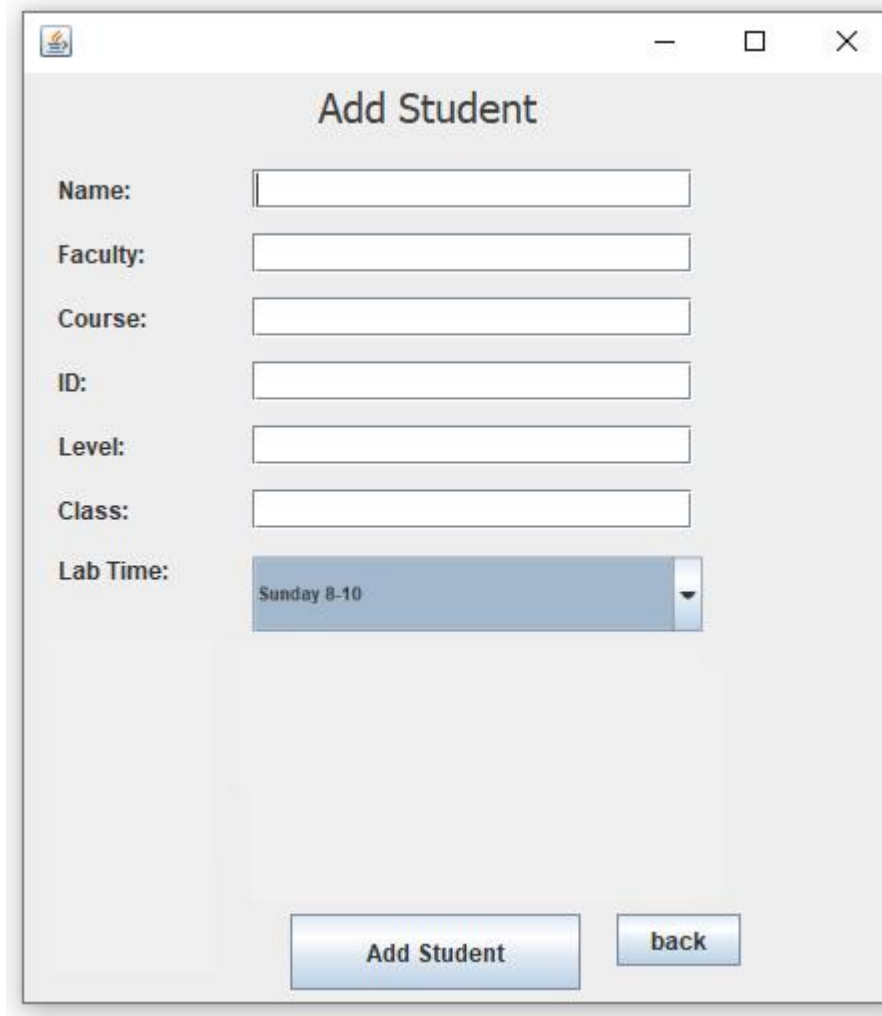


If you entered the correct one, then the **Assistant section** window will be displayed:

Assistant Section:



Click on **Add Student** button:



A screenshot of a software window titled "Add Student". The window has a standard Windows-style title bar with a minimize button, a maximize button, and a close button. The main content area is light gray and contains several input fields. On the left side, there are labels for "Name:", "Faculty:", "Course:", "ID:", "Level:", "Class:", and "Lab Time:". To the right of each label is a corresponding input field. The "Lab Time" field is a dropdown menu currently showing "Sunday 8-10". At the bottom of the window, there are two buttons: "Add Student" and "back".

Add Student

Name:

Faculty:

Course:

ID:

Level:

Class:

Lab Time:

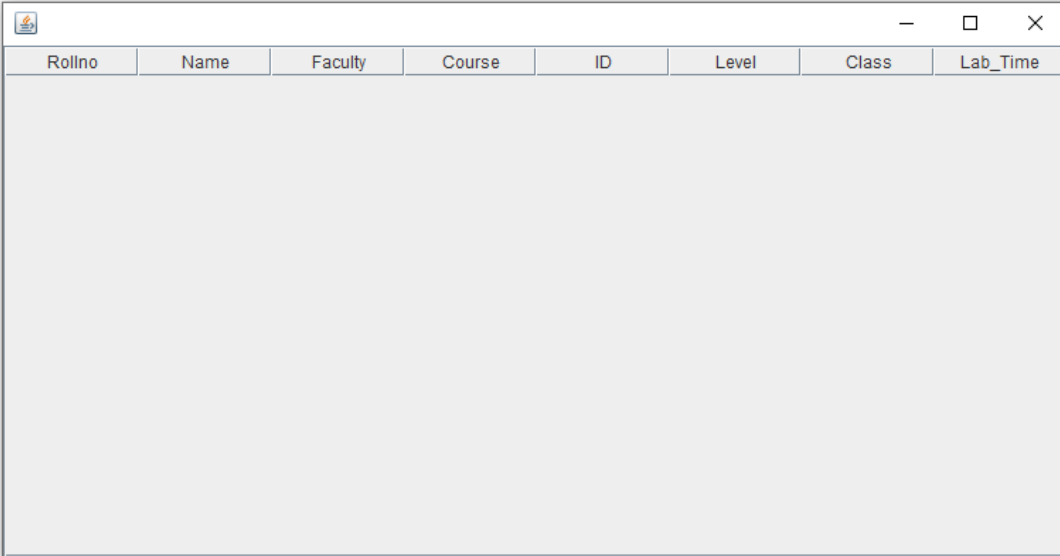
Add Student **back**

Fill information and click on **Add Student**, then show the message "Student is added successfully".

Back ➔ back to the Assistant Section.

In the **Assistant Section**, click on **View Student** button.

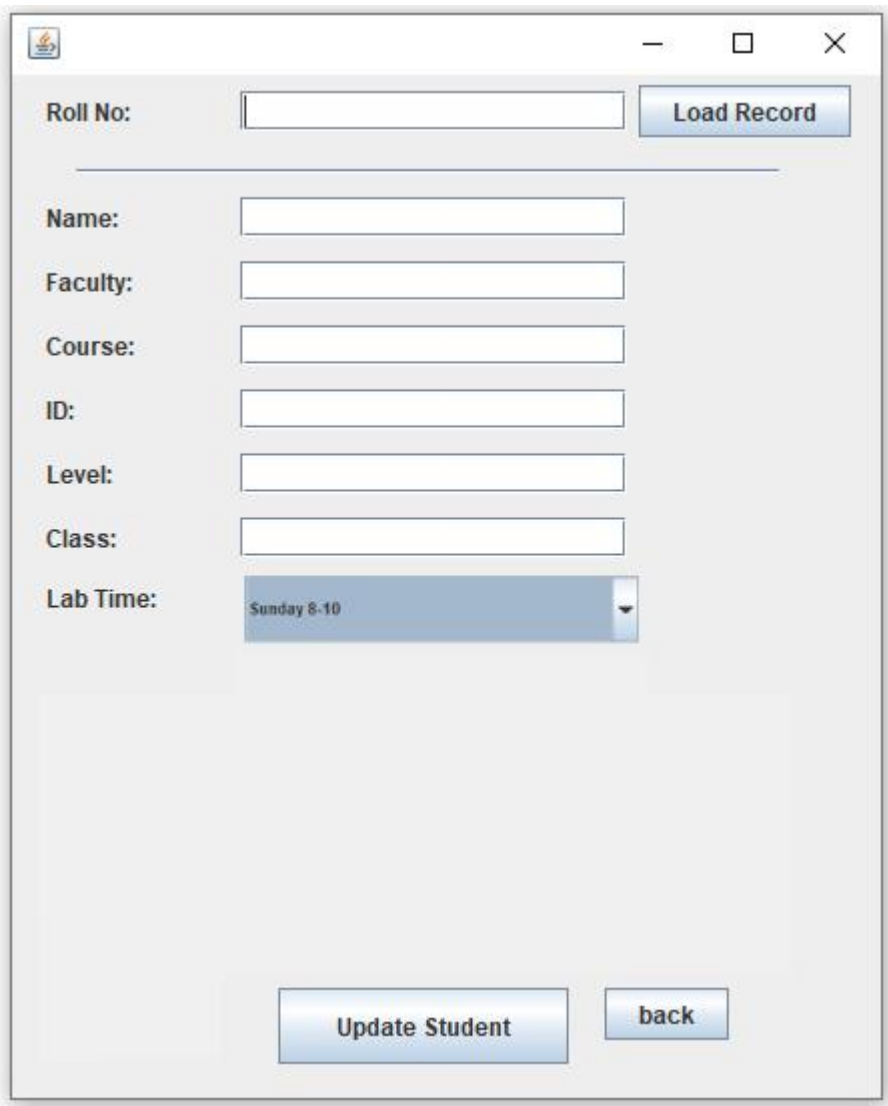
It will show a **table** of Student information that is added:



The image shows a screenshot of a software application window. The window has a standard title bar with a small icon on the left and three control buttons (minimize, maximize, close) on the right. Inside the window, there is a table with eight columns. The columns are labeled 'Rollno', 'Name', 'Faculty', 'Course', 'ID', 'Level', 'Class', and 'Lab_Time'. The table is currently empty, with no data rows visible.

Rollno	Name	Faculty	Course	ID	Level	Class	Lab_Time
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Now, click on **Edit Student** button:



Roll No: **Load Record**

Name:

Faculty:

Course:

ID:

Level:

Class:

Lab Time:

Update Student **back**

Enter **Roll No.**, then click on load record to load the information in the fields. Update information and click on **Update Student** to show the message “Student Updated Successfully”.

Click on **Delete Student** button to Enter Roll No. and Delete Student.

Instructions:

- *Your solution must contain multiple classes.*
- *This project could be done individual or by a group of two students at maximum.*
- *If a student copies the Project of another student, he/she will be given a zero mark for the Project.*
- *Deadline date: Monday, 26 /12/2022.*

You can do it, Dears.

Best Wishes.

Aseel Hegazy.