**Student Grade Repository** is a student management system that allows users to add, remove, modify, and view information about students in a class. The program has several features that can help instructors manage their classes more efficiently.

The program starts with a main menu that allows the user to select the desired task.

```
1- Add a new student 2- Remove a student 3- Edit student's information 4- show top 10 students 5- Students with Most absences 6- Exit

Choose the process you want by typing the order from the list above:
```

The menu should display the following options:

```
#Add a student to the class
#Remove a student from the class
#Modify student information
#Show the top 10 students
#Show students with the largest absence
#Exit
```

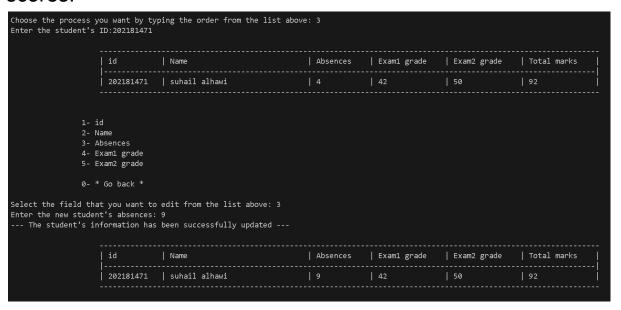
If the user selects **option 1**, they can add a new student to the class by entering all the required information, such as the student's ID, name, attendance record, and exam scores. Once all the information is entered, the program adds the student to the class.

```
Choose the process you want by typing the order from the list above: 1
Enter the student's ID: 202181442
Enter the student's name: Mohammad Ahmed
Enter the student's absences:4
Enter the student's first exam grade:43
Enter the student's second exam grade:32
--- The student has been successfully added ---
Type 1 for starting again or 0 for going back:
```

If the user selects **option 2**, they can remove a student from the class by either their ID or name. If the name is repeated the program will display a table with the students and asks the user to choose. The program shows the full record of the student based on the user's selection and asks for confirmation before deleting the information.

	id				Exam2 grade	
		suhail alhawi				
	1 000404403	suhail alhawi	I л	42	l 50	92
lect the studen						
lect the studen		order:2			Exam2 grade	

If the user selects **option 3**, they can modify a student's information by retrieving their record by their ID. Once the student's record is displayed, the user can select from a list of options, such as modifying the ID, name, absences, or exam scores.



If the user selects **option 4**, the program shows the top 10 students in the class based on their total marks. This feature is useful for instructors to identify high-performing students and provide them with additional support or recognition.



If the user selects **option 5**, the program shows the student(s) with the largest number of absences. This feature allows instructors to identify students who may be struggling with attendance and provide them with additional support or resources.



If the user selects option 6, the program exits.