**Q1:**

Create table

…

A picture containing text, diagram, sketch

Description automatically generated

**Q2:**

Select all Assessments has present = ‘0.02’ as below:

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Description automatically generated

**Q3:**

Write a query to display Stu\_ID, Stu\_Name, Stu\_Dep of all students corresponding to Department name is ‘AI’; display the results in ascending order of Student’s name as follow:

A screenshot of a table

Description automatically generated with low confidence

**Q4:**

Write a query to display Stu\_ID, Stu\_Name who have enrolled in courses with a credit value greater than 3.

A picture containing text, screenshot, number, font

Description automatically generated

**Q5:**

Question 3: Write an SQL query to retrieve the names of students who have enrolled in courses offered in the semester with the code 'FALL2022' and have an assessment type of 'Final Exam.'

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Description automatically generated

**Q6:**

Find the total number of enrollments for each department. Display the department code, department name, and the count of enrollments:

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Description automatically generated

**C7:**  
Retrieve the names of the top 5 students who have achieved the highest average marks across all assessments, along with their respective average marks. Also, display the names of the bottom 5 students with the lowest average marks and their respective average marks.

A screenshot of a computer

Description automatically generated with low confidence

**Q8:**

Create a trigger on Departments table after inserts and select Dep\_id and Dep\_name as results:

For ex: insert into Departments values('MN','Morning')



**Q9:**

write a procedure that calculates the average score of the student @studentId given

For ex:

DECLARE @studentId INT = 1;

EXEC CalculateAverageStudentMark @studentId;



**Q10:**

Deleted from the departments table when the departments code is not selected by any student