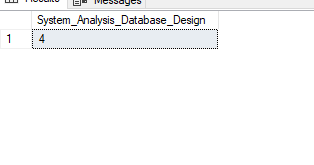
1.

SELECT COUNT(studentID) AS System\_Analysis\_Database\_Design

FROM course\_mapping WHERE courseID = 2;



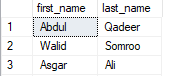
2.

SELECT faculty.first\_name,faculty.last\_name

FROM faculty JOIN course\_mapping\_faculty

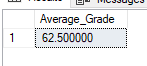
ON course\_mapping\_faculty.facultyID = faculty.facultyID

JOIN course ON course.courseID = course\_mapping\_faculty.courseID

WHERE course\_mapping\_faculty.courseID = 2;

3.

SELECT AVG(marks) AS Average\_Grade FROM grade WHERE courseID = 2;



4.

SELECT course.course\_name, days.day\_name

FROM course JOIN schedule ON course.courseID = schedule.courseID

JOIN days ON days.dayID = schedule.dayID

WHERE schedule.dayID = 1;

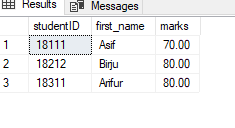


5.

SELECT student.studentID,student.first\_name,grade.marks

FROM student INNER JOIN grade ON student.studentID = grade.studentID

WHERE grade.marks >= 70;

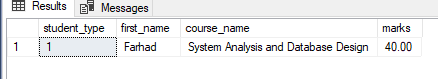


6.

SELECT student.student\_type,student.first\_name,course.course\_name,grade.marks

FROM student JOIN grade ON grade.studentID = student.studentID

JOIN course ON course.courseID = grade.courseID

WHERE grade.marks < 50;

7.

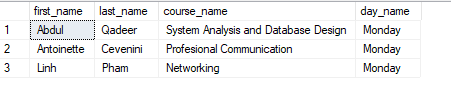
SELECT faculty.first\_name,faculty.last\_name,course.course\_name,days.day\_name

FROM faculty JOIN schedule ON faculty.facultyID = schedule.facultyID

JOIN course ON schedule.courseID = course.courseID

JOIN days ON schedule.dayID = days.dayID

JOIN course\_mapping ON course\_mapping.courseID = course.courseID

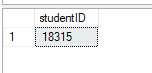
 WHERE course\_mapping.studentID = 18111;

8. Show the ID of the student whose payment is due

SELECT student.studentID FROM student

JOIN payment ON payment.studentID = student.studentID

WHERE payment\_status = 'False';



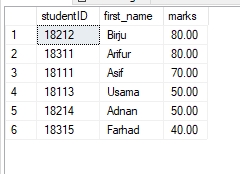
9. Show the highest to lowest grade in a particular unit

SELECT student.studentID,student.first\_name,grade.marks

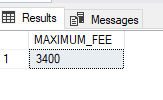
FROM student JOIN grade ON grade.studentID = student.studentID

WHERE grade.courseID = 2

ORDER BY grade.marks DESC;



10. Show maximum course fee of the program

SELECT MAX(course\_fee) AS MAXIMUM\_FEE FROM course;