

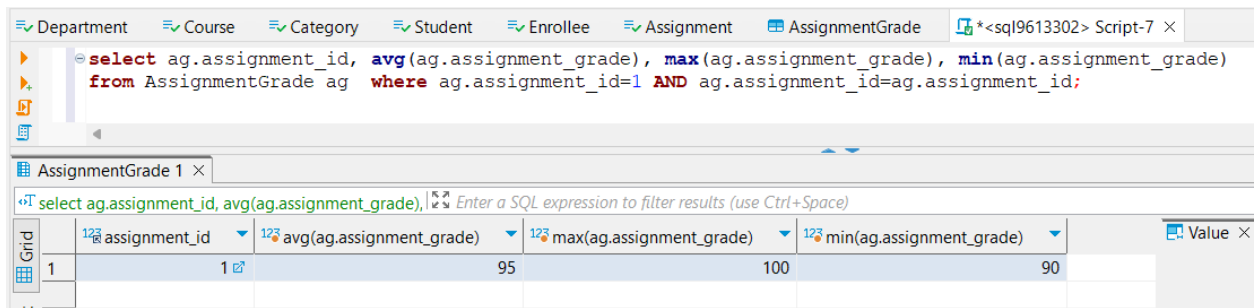
TASKS 4-11

4. Average,max,min score

CODE:

```
select ag.assignment_id, avg(ag.assignment_grade), max(ag.assignment_grade), min(ag.assignment_grade)
from AssignmentGrade ag where ag.assignment_id=1 AND ag.assignment_id=ag.assignment_id;
```

QUERY RESULT



The screenshot shows a SQL IDE with a query editor and a results pane. The query editor contains the following SQL statement:

```
select ag.assignment_id, avg(ag.assignment_grade), max(ag.assignment_grade), min(ag.assignment_grade)
from AssignmentGrade ag where ag.assignment_id=1 AND ag.assignment_id=ag.assignment_id;
```

The results pane shows a table with 5 columns: assignment_id, avg(ag.assignment_grade), max(ag.assignment_grade), min(ag.assignment_grade), and Value. The table has one row with the following values:

assignment_id	avg(ag.assignment_grade)	max(ag.assignment_grade)	min(ag.assignment_grade)	Value
1	95	100	90	

assignment_id	expected assignment_id	avg(assignment_grade)	EXPECTED avg(assignment_grade)	max(assignment_grade)	EXPECTED max(assignment_grade)	min(assignment_grade)
1	1	95	95	100	100	90

5. Display Class Students

CODE:

```
SELECT s.student_id, s.last_name, s.first_name, c.course_name, c.department_num, c.semester, c.academic_year
FROM Student s
JOIN Enrollee e ON s.student_id = e.student_id
JOIN Course c ON e.course_number = c.course_number
WHERE e.course_number = 1;
```

QUERY RESULT

Department × Course Category Student Enrollee Assignment AssignmentGrade <sql9613302> Script-7 ×

```

SELECT s.student_id, s.last_name, s.first_name, c.course_name, c.department_num, c.semester, c.academic_year
FROM Student s
JOIN Enrollee e ON s.student_id = e.student_id
JOIN Course c ON e.course_number = c.course_number
WHERE e.course_number = 1;

```

Student(+) 1 ×

SELECT s.student_id, s.last_name, s.first_name, c.course_name, c.department_num, c.semester, c.academic_year

Grid	student_id	last_name	first_name	course_name	department_num	semester	academic_year
1	1,111	McIntosh	Danielle	Database Management	1	Spring	2,023
2	2,222	Buckle	Nikolas	Database Management	1	Spring	2,023
3	7,777	Whispa	Dujaun	Database Management	1	Spring	2,023

TEST CASE:

student_id	EXPECTED student_id	last_name	EXPECTED last_name	first_name	EXPECTED first_name	course_name	EXPECTED course_name
1111	1111	Mcintosh	Mcintosh	Danielle	Danielle	Database Management	Database Management
2222	2222	HW2	HW2	10	10	Database Management	Database Management
7777	7777	EXAM 1	EXAM 1	25	25	Database Management	Database Management

6.Display Class Students and Grades

CODE:

```

SELECT s.student_id, s.last_name, s.first_name, ag.assignment_id, a.assignment_name ,ag.assignment_grade
FROM Student s
JOIN Enrollee e ON s.student_id = e.student_id
JOIN AssignmentGrade ag ON e.enrollee_id = ag.enrollee_id
JOIN Assignment a ON ag.assignment_id = a.assignment_id
WHERE e.course_number = 2;

```

QUERY RESULT

Department Course Category Student Enrollee Assignment AssignmentGrade <sql9613302> Script-7 X

```

JOIN AssignmentGrade ag ON e.enrollee_id = ag.enrollee_id
JOIN Assignment a ON ag.assignment_id = a.assignment_id
WHERE e.course_number = 2;

```

Student(+) 1 X

SELECT s.student_id, s.last_name, s.first_name, ag.as! Enter a SQL expression to filter results (use Ctrl+Space)

	123 student_id	ABC last_name	ABC first_name	123 assignment_id	ABC assignment_name	123 assignment_grade
1	2,222	Buckle	Nikolas	7	HW 1	80
2	2,222	Buckle	Nikolas	8	HW 2	80
3	2,222	Buckle	Nikolas	9	TEST 1	90
4	2,222	Buckle	Nikolas	10	TEST 2	80
5	2,222	Buckle	Nikolas	11	EXAM 1	100
6	2,222	Buckle	Nikolas	12	EXAM 2	80
7	2,222	Buckle	Nikolas	13	PROJECT 1	100
8	3,333	Jamieson_Shirley	Antonia	7	HW 1	100
9	3,333	Jamieson_Shirley	Antonia	8	HW 2	100
10	3,333	Jamieson_Shirley	Antonia	9	TEST 1	100
11	3,333	Jamieson_Shirley	Antonia	10	TEST 2	100
12	3,333	Jamieson_Shirley	Antonia	11	EXAM 1	100
13	3,333	Jamieson_Shirley	Antonia	12	EXAM 2	100
14	3,333	Jamieson_Shirley	Antonia	13	PROJECT 1	100

TEST CASE:

student_id	EXPECTED student_id	last_name	EXPECTED last_name	first_name	assignment_id	EXPECTED assignment_id	assignment
2222	2222	Buckle	Buckle	Nikolas	7,8,9,10,11,12,13	7,8,9,10,11,12,13	HW 1,HW 2 TEST 1, TEST 2 EXAM1, EXAM2 PROJECT 1
3333	3333	Jamieson_Shirley	Jamieson_Shirley	Antonia	7,8,9,10,11,12,13	7,8,9,10,11,12,13	HW 1,HW 2 TEST 1, TEST 2 EXAM1, EXAM2 PROJECT 1

7. Add new assignment

CODE:

```

INSERT INTO Assignment (assignment_id, assignment_name, course_number, category_id, max_points) VALUES (40, 'TEST 3', 6, 20, 10);
UPDATE Assignment SET max_points = 10 WHERE assignment_id = 36;
UPDATE Assignment SET max_points = 10 WHERE assignment_id = 37;
UPDATE Category SET num_assignments = 3 WHERE category_id = 20;

```

TASK RESULT:

Department Course Category Student Enrollee Assignment AssignmentGrade <sql9613302> Script-7

```

INSERT INTO Assignment (assignment_id, assignment_name, course_number, category_id, max_points) VALUES (40, 'TEST 3', 6, 20, 10);
UPDATE Assignment SET max_points = 10 WHERE assignment_id = 36;
UPDATE Assignment SET max_points = 10 WHERE assignment_id = 37;
UPDATE Category SET num_assignments = 3 WHERE category_id = 20;

```

Statistics 1

Name	Value
Queries	4
Updated Rows	4
Execute time (ms)	189
Fetch time (ms)	0
Total time (ms)	189
Start time	2023-04-18 18:50:23.410
Finish time	2023-04-18 18:50:23.610

Value

Inserted Test 3

Department Course Category Student Enrollee Assignment AssignmentGrade <sql9613302>

Properties Data ER Diagram

Assignment Enter a SQL expression to filter results (use Ctrl+Space)

	assignment_id	assignment_name	course_number	category_id	max_points
12	12	EXAM 2	2	6	17.5
13	13	PROJECT 1	2	7	25
14	14	Participation	3	8	25
15	15	HW 1	3	9	10
16	16	HW 2	3	9	10
17	17	TEST 1	3	10	10
18	18	TEST 2	3	10	10
19	19	EXAM 1	3	11	17.5
20	20	EXAM 2	3	11	17.5
21	21	HW 1	4	12	10
22	22	HW 2	4	12	10
23	23	TEST 1	4	13	10
24	24	TEST 2	4	13	10
25	25	EXAM 1	4	14	17.5
26	26	EXAM 2	4	14	17.5
27	27	PARTICIPATION	4	15	25
28	28	HW 1	5	16	10
29	29	HW 2	5	16	10
30	30	TEST 1	5	17	15
31	31	TEST 2	5	17	15
32	32	EXAM 1	5	18	25
33	33	EXAM 2	5	18	25
34	34	HW 1	6	19	10
35	35	HW 2	6	19	10
36	36	TEST 1	6	20	10
37	37	TEST 2	6	20	10
38	38	EXAM 1	6	21	25
39	39	EXAM 2	6	21	25
40	40	TEST 3	6	20	10


TEST CASE:

assignment_id	assignment_name	OLD max_points	NEW max_points	EXPECTED max_points	PASS/FAIL
36	TEST 1	15	10	10	PASS
37	TEST 2	15	10	10	PASS
40	TEST 3	N/A	10	10	PASS

Before Update Test only has 2 assignment

Category <small>Enter a SQL expression to filter results (use Ctrl+Space)</small>						
	category_id	category_name	course_number	weight	num_assignments	
1	1	Homework	1	0.2	2	
2	2	Test	1	0.3	2	
3	3	Exam	1	0.5	2	
4	4	Homework	2	0.2	2	
5	5	Test	2	0.3	2	
6	6	Exam	2	0.35	2	
7	7	Project	2	0.15	1	
8	8	Participation	3	0.25	1	
9	9	Homework	3	0.2	2	
10	10	Test	3	0.2	2	
11	11	Exam	3	0.35	2	
12	12	Homework	4	0.2	2	
13	13	Test	4	0.2	2	
14	14	Exam	4	0.35	1	
15	15	Participation	4	0.25	1	
16	16	Homework	5	0.2	2	
17	17	Test	5	0.3	2	
18	18	Exam	5	0.5	2	
19	19	Homework	6	0.2	2	
20	20	Test	6	0.3	2	
21	21	Exam	6	0.5	2	

AFTER UPDATE TEST HAS 3 ASSIGNMENTS

Category  Enter a SQL expression to filter results (use Ctrl+Space)						
	category_id	category_name	course_number	weight	num_assignments	
1	1	Homework	1	0.2	2	
2	2	Test	1	0.3	2	
3	3	Exam	1	0.5	2	
4	4	Homework	2	0.2	2	
5	5	Test	2	0.3	2	
6	6	Exam	2	0.35	2	
7	7	Project	2	0.15	1	
8	8	Participation	3	0.25	1	
9	9	Homework	3	0.2	2	
10	10	Test	3	0.2	2	
11	11	Exam	3	0.35	2	
12	12	Homework	4	0.2	2	
13	13	Test	4	0.2	2	
14	14	Exam	4	0.35	1	
15	15	Participation	4	0.25	1	
16	16	Homework	5	0.2	2	
17	17	Test	5	0.3	2	
18	18	Exam	5	0.5	2	
19	19	Homework	6	0.2	2	
20	20	Test	6	0.3	3	
21	21	Exam	6	0.5	2	

TEST CASE:

category_id	category_name	OLD num_assignments	NEW num_assignments	EXPECTED num_assignments	PASS/FAIL
19	Test	2	3	3	PASS

8. Change percentage

CODE:

```
UPDATE Category SET weight = 0.1 WHERE category_id = 19;
UPDATE Category SET weight = 0.6 WHERE category_id = 21;
UPDATE Assignment SET max_points = 5 WHERE assignment_id = 34;
UPDATE Assignment SET max_points = 5 WHERE assignment_id = 35;
UPDATE Assignment SET max_points = 30 WHERE assignment_id = 38;
UPDATE Assignment SET max_points = 30 WHERE assignment_id = 39;
```

TASK RESULT:

<div> Department Course Category Student Enrollee Assignment AssignmentGrade </div>						
<div> Properties Data ER Diagram </div>						
<div> Assignment Enter a SQL expression to filter results (use Ctrl+Space) </div>						
	assignment_id	assignment_name	course_number	category_id	max_points	
12	12	EXAM 2	2	6	17.5	
13	13	PROJECT 1	2	7	25	
14	14	Participation	3	8	25	
15	15	HW 1	3	9	10	
16	16	HW 2	3	9	10	
17	17	TEST 1	3	10	10	
18	18	TEST 2	3	10	10	
19	19	EXAM 1	3	11	17.5	
20	20	EXAM 2	3	11	17.5	
21	21	HW 1	4	12	10	
22	22	HW 2	4	12	10	
23	23	TEST 1	4	13	10	
24	24	TEST 2	4	13	10	
25	25	EXAM 1	4	14	17.5	
26	26	EXAM 2	4	14	17.5	
27	27	PARTICIPATION	4	15	25	
28	28	HW 1	5	16	10	
29	29	HW 2	5	16	10	
30	30	TEST 1	5	17	15	
31	31	TEST 2	5	17	15	
32	32	EXAM 1	5	18	25	
33	33	EXAM 2	5	18	25	
34	34	HW 1	6	19	10	
35	35	HW 2	6	19	10	
36	36	TEST 1	6	20	10	
37	37	TEST 2	6	20	10	
38	38	EXAM 1	6	21	25	
39	39	EXAM 2	6	21	25	
40	40	TEST 3	6	20	10	

AFTER UPDATE max_points CHANGES TO ACCOMMODATE NEW PERCENTAGES:

<div> Department Course Category Student Enrollee Assignment AssignmentGrade </div>						
<div> Properties Data ER Diagram </div>						
<div> Assignment Enter a SQL expression to filter results (use Ctrl+Space) </div>						
	assignment_id	assignment_name	course_number	category_id	max_points	
12	12	EXAM 2	2	6	17.5	
13	13	PROJECT 1	2	7	25	
14	14	Participation	3	8	25	
15	15	HW 1	3	9	10	
16	16	HW 2	3	9	10	
17	17	TEST 1	3	10	10	
18	18	TEST 2	3	10	10	
19	19	EXAM 1	3	11	17.5	
20	20	EXAM 2	3	11	17.5	
21	21	HW 1	4	12	10	
22	22	HW 2	4	12	10	
23	23	TEST 1	4	13	10	
24	24	TEST 2	4	13	10	
25	25	EXAM 1	4	14	17.5	
26	26	EXAM 2	4	14	17.5	
27	27	PARTICIPATION	4	15	25	
28	28	HW 1	5	16	10	
29	29	HW 2	5	16	10	
30	30	TEST 1	5	17	15	
31	31	TEST 2	5	17	15	
32	32	EXAM 1	5	18	25	
33	33	EXAM 2	5	18	25	
34	34	HW 1	6	19	5	
35	35	HW 2	6	19	5	
36	36	TEST 1	6	20	10	
37	37	TEST 2	6	20	10	
38	38	EXAM 1	6	21	30	
39	39	EXAM 2	6	21	30	
40	40	TEST 3	6	20	10	

TEST CASE:

assignment_id	assignment_name	OLD max_points	NEW max_points	EXPECTED max_points	PASS/FAIL
34	HW1	10	5	5	PASS
35	HW2	10	5	5	PASS
38	EXAM 1	25	30	30	PASS
39	EXAM 2	25	30	30	PASS

9. Add 2 percent to grade

CODE:

```

UPDATE AssignmentGrade
SET assignment_grade = assignment_grade + 2
WHERE assignment_id = 21;

UPDATE AssignmentGrade
SET grade_points = grade_points + 0.2
WHERE assignment_id = 21;

```

```

SELECT a.assignment_id, a.assignment_name, s.student_id, s.last_name, s.first_name, ag.assignment_grade
FROM Assignment a
JOIN AssignmentGrade ag ON a.assignment_id = ag.assignment_id
JOIN Enrollee e ON ag.enrollee_id = e.enrollee_id
JOIN Student s ON e.student_id = s.student_id
WHERE a.assignment_id = 21

```

QUERY RESULT:

Department Course Category Student Enrollee Assignment AssignmentGrade <sql9613302> Script-7 ×

```

UPDATE AssignmentGrade
SET assignment_grade = assignment_grade + 2
WHERE assignment_id = 21;

UPDATE AssignmentGrade
SET grade_points = grade_points + 0.2
WHERE assignment_id = 21;

SELECT a.assignment_id, a.assignment_name, s.student_id, s.last_name, s.first_name, ag.assignment_grade
FROM Assignment a
JOIN AssignmentGrade ag ON a.assignment_id = ag.assignment_id
JOIN Enrollee e ON ag.enrollee_id = e.enrollee_id
JOIN Student s ON e.student_id = s.student_id
WHERE a.assignment_id = 21

```

Assignment(+) 1 × Statistics 1

SELECT a.assignment_id, a.assignment_name, s.student_id, s.last_name, s.first_name, ag.assignment_grade

Grid	123 assignment_id	ABC assignment_name	123 student_id	ABC last_name	ABC first_name	123 assignment_grade	Value ×
1	21	HW 1	4,444	Mbappe	Kylian	100	
2	21	HW 1	5,555	Pogba	Paul	96	

ASSIGNMENTGRADE FOR ASSIGNMENT 21 BEFORE TASK

Department	Course	Category	Student	Enrollee	Assignment	AssignmentGrade
Properties	Data	ER Diagram				
AssignmentGrade						
Enter a SQL expression to filter results (use Ctrl+Space)						
Grid	grade_id	assignment_id	enrollee_id	assignment_grade	grade_points	
40	40	20	6	80	14	
41	41	21	7	98	9.8	
42	42	22	7	80	8	
43	43	23	7	100	10	
44	44	24	7	90	9	
45	45	25	7	80	14	
46	46	26	7	60	10.5	
47	47	27	7	100	25	
48	48	28	8	100	10	
49	49	29	8	100	10	
50	50	30	8	100	15	
51	51	31	8	100	15	
52	52	32	8	100	25	
53	53	33	8	100	25	
54	54	21	9	94	9.4	
55	55	22	9	80	8	

ASSIGNMENTGRADE TABLE CHANGE SEEN AFTER IN ASSIGNMENT 21 :

Department	Course	Category	Student	Enrollee	Assignment	<sql9613302> Script-7
Properties	Data	ER Diagram				
AssignmentGrade						
Enter a SQL expression to filter results (use Ctrl+Space)						
Grid	grade_id	assignment_id	enrollee_id	assignment_grade	grade_points	
40	40	20	6	80	14	
41	41	21	7	100	10	
42	42	22	7	80	8	
43	43	23	7	100	10	
44	44	24	7	90	9	
45	45	25	7	80	14	
46	46	26	7	60	10.5	
47	47	27	7	100	25	
48	48	28	8	100	10	
49	49	29	8	100	10	
50	50	30	8	100	15	
51	51	31	8	100	15	
52	52	32	8	100	25	
53	53	33	8	100	25	
54	54	21	9	96	9.6	

TEST CASE:

grade_id	assignment_id	OLD assignment_grade	NEW assignment_grade	EXPECTED assignment_grade	PASS/FAIL
41	21	98	100	100	PASS
54	21	94	96	96	PASS

10. 2 for the Q

CODE:

```
UPDATE AssignmentGrade
SET assignment_grade = assignment_grade + 2
WHERE enrollee_id IN (
    SELECT enrollee_id
    FROM Enrollee e
    JOIN Student s ON e.student_id = s.student_id
    WHERE s.last_name LIKE '%q%'
);

SELECT s.student_id, s.last_name, s.first_name, a.assignment_id, a.assignment_name, ag.assignment_grade
FROM Student s
JOIN Enrollee e ON s.student_id = e.student_id
JOIN AssignmentGrade ag ON e.enrollee_id = ag.enrollee_id
JOIN Assignment a ON ag.assignment_id = a.assignment_id
WHERE s.last_name LIKE '%q%';
```

TASK RESULT:

The screenshot shows a database IDE with two SQL queries. The first query is an UPDATE statement that increases the assignment grade by 2 for all assignments where the student's last name contains 'q'. The second query is a SELECT statement that retrieves the student ID, last name, first name, assignment ID, assignment name, and assignment grade for all assignments where the student's last name contains 'q'.

The results of the second query are displayed in a table with 7 rows and 7 columns. The columns are: student_id, last_name, first_name, assignment_id, assignment_name, assignment_grade, and Value. The data is as follows:

	student_id	last_name	first_name	assignment_id	assignment_name	assignment_grade	Value
1	9,999	QZessa	Jelskull	14	Participation	92	
2	9,999	QZessa	Jelskull	15	HW 1	82	
3	9,999	QZessa	Jelskull	16	HW 2	92	
4	9,999	QZessa	Jelskull	17	TEST 1	82	
5	9,999	QZessa	Jelskull	18	TEST 2	72	
6	9,999	QZessa	Jelskull	19	EXAM 1	92	
7	9,999	QZessa	Jelskull	20	EXAM 2	82	

TABLE SHOWING ALL GRADES FOR STUDENT WITH Q IN LAST NAME:

Department

Course

Category

Student

Enrollee

Assignment

AssignmentGrade

Properties

Data

ER Diagram

AssignmentGrade

Enter a SQL expression to filter results (use Ctrl+Space)

	123 grade_id	123 assignment_id	123 enrollee_id	123 assignment_grade	123 grade_points
45	45	25	7	80	14
46	46	26	7	60	10.5
47	47	27	7	100	25
48	48	28	8	100	10
49	49	29	8	100	10
50	50	30	8	100	15
51	51	31	8	100	15
52	52	32	8	100	25
53	53	33	8	100	25
54	54	21	9	96	9.6
55	55	22	9	80	8
56	56	23	9	60	6
57	57	24	9	70	7
58	58	25	9	100	17.5
59	59	26	9	80	14
60	60	27	9	80	20
61	61	28	10	90	9
62	62	29	10	80	8
63	63	30	10	60	9
64	64	31	10	70	10.5
65	65	32	10	100	25
66	66	33	10	80	20
67	67	14	16	90	22.5
68	68	15	16	80	8
69	69	16	16	90	9
70	70	17	16	80	8
71	71	18	16	70	7
72	72	19	16	90	15.75
73	73	20	16	80	14

TABLE SHOWING CHANGES IN GRADES FOR STUDENT WITH Q LASTNAME

<div> Department Course Category Student Enrollee Assignment AssignmentGrade </div>						
<div> Properties Data ER Diagram </div>						
<div> AssignmentGrade Enter a SQL expression to filter results (use Ctrl+Space) </div>						
Grid	123	123	123	123	123	
	grade_id	assignment_id	enrollee_id	assignment_grade	grade_points	
45	45	25	7	80	14	
46	46	26	7	60	10.5	
47	47	27	7	100	25	
48	48	28	8	100	10	
49	49	29	8	100	10	
50	50	30	8	100	15	
51	51	31	8	100	15	
52	52	32	8	100	25	
53	53	33	8	100	25	
54	54	21	9	96	9.6	
55	55	22	9	80	8	
56	56	23	9	60	6	
57	57	24	9	70	7	
58	58	25	9	100	17.5	
59	59	26	9	80	14	
60	60	27	9	80	20	
61	61	28	10	90	9	
62	62	29	10	80	8	
63	63	30	10	60	9	
64	64	31	10	70	10.5	
65	65	32	10	100	25	
66	66	33	10	80	20	
67	67	14	16	92	22.5	
68	68	15	16	82	8	
69	69	16	16	92	9	
70	70	17	16	82	8	
71	71	18	16	72	7	
72	72	19	16	92	15.75	
73	73	20	16	82	14	

TEST CASE:

assignment_id	OLD assignment_grade	New assignment_grade	EXPECTED assignment_grade	PASS/FAIL
67	90	92	92	PASS
69	80	82	82	PASS
70	90	92	92	PASS
71	80	82	82	PASS
72	70	72	72	PASS
73	90	92	92	PASS
74	80	82	82	PASS

11. Compute Grade

```

SELECT s.student_id, s.first_name, s.last_name,c.course_number,c.course_name, SUM(ag.grade_points) AS FinalGrade
FROM Student s
JOIN Enrollee e ON s.student_id = e.student_id
JOIN AssignmentGrade ag ON e.enrollee_id = ag.enrollee_id
JOIN Course c on c.course_number = e.course_number
WHERE e.enrollee_id = 1;

```

TABLE SHOWING CURRENT GRADES :

(Grade point is the weighted version so we use these for calculation):

Department Course Category Student Enrollee Assignment AssignmentGrade ×						
Properties Data ER Diagram						
AssignmentGrade Enter a SQL expression to filter results (use Ctrl+Space)						
Grid	grade_id	assignment_id	enrollee_id	assignment_grade	grade_points	
1	1	1	1	100	10	
2	2	2	1	80	8	
3	3	3	1	100	15	
4	4	4	1	70	10.5	
5	5	5	1	100	25	
6	6	6	1	100	25	
7	7	14	2	100	25	

QUERY RESULT SHOWING SUM OF GRADES FOR STUDENT

Department Course Category Student Enrollee Assignment AssignmentGrade *<sql9613302> Script-7 ×						
SELECT s.student_id, s.first_name, s.last_name,c.course_number,c.course_name, SUM(ag.grade_points) AS FinalGrade						
FROM Student s						
JOIN Enrollee e ON s.student_id = e.student_id						
JOIN AssignmentGrade ag ON e.enrollee_id = ag.enrollee_id						
JOIN Course c on c.course_number = e.course_number						
WHERE e.enrollee_id = 1;						
Student(+) 1 ×						
SELECT s.student_id, s.first_name, s.last_name,c.course_number,c.course_name, SUM(ag.grade_points) AS FinalGrade						
Grid	student_id	first_name	last_name	course_number	course_name	FinalGrade
1	1,111	Danielle	McIntosh	1	Database Management	93.5

TEST CASE:

FinalGrade = 10+8+15+10.5+25+25
= 93.5

Actual Result:

FinalGrade = 93.5

PASS