

Edward Ramirez
SQL Assignment 10

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1.
insert into instructor
(salutation,first_name,last_name,instructor_id,street_address,zip,modified
_by, modified_date, created_date,created_by)
values
('Dr', 'Waldo','Wildcat',815,'1234 Stewart Stadium Way','07002','Edward',
sysdate, sysdate,'Edward');
```

```
2.
INSERT INTO section
(section_id, course_no, section_no, start_date_time, location,
instructor_id, capacity, created_by, created_date, modified_by,
modified_date)
VALUES
(48,142,4, To_Date('09-22-2011 08:15 am','MM-DD-YYYY HH:MI AM'), 'L211',
815, 15, 'Edward', sysdate, 'Edward', sysdate);
```

```
3.
insert
    INTO enrollment (
        student_id,
        section_id,
        enroll_date,
        final_grade,
        created_by,
        created_date,
        modified_by,
        modified_date
    )

(select student_id,
48,
sysdate,
null,
'Edward',
sysdate,
'Edward',
sysdate
from student  where employer = 'Miro Life Insurance');
```

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4.
delete from grade
where student_id = 147
and section_id = 120;
```

```
delete from enrollment
where student_id = 147
and section_id = 120;
```

```
5.
delete from grade
```

```
where student_id = 180
and section_id = 119;
```

```
delete from enrollment
where student_id = 180
and section_id = 119;
```

```
6.
UPDATE instructor
SET phone = 4815162342
WHERE instructor_ID = 815;
```

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7.
UPDATE grade
SET numeric_grade = 100
WHERE grade_type_code = 'HM'
and section_id = 119
and grade_code_occurrence = 1;
```

```
8.
UPDATE grade
SET numeric_grade = numeric_grade* 1.1
WHERE grade_type_code = 'FI'
and section_id = 119;
```

```
9.
select s.section_id,s.location, NVL(Enrolled,0) AS enrolled
from section s
left outer join(
```

```
select s.section_id,s.location, count(*) as enrolled
from section s
inner join enrollment e
on s.section_id = e.section_id
group by s.section_id,s.location) t1
on s.section_id = t1.section_id
```

```
inner join course c
on s.course_no = c.course_no
where description = 'Project Management'
group by s.section_id,s.location, NVL(enrolled,0)
order by s.section_id;
```

```
10.
select first_name,last_name,phone
from instructor i
inner join section s
on s.instructor_id = i.instructor_id
inner join course c
on s.course_no = c.course_no
where description = 'Project Management'
order by first_name,last_name;
```

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11.
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select s.student_id,first_name,last_name,
to_char(avg(numeric_grade),'00.00')
from student s
inner join enrollment e
on s.student_id = e.student_id
inner join grade g
on e.student_id = g.student_id
and e.section_id = g.section_id
where e.section_id = 119
group by s.student_id,first_name,last_name
order by student_id;

```

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12.
select i.instructor_id,first_name,last_name, count(*) as NUMSTUDENTS
from instructor i
inner join section s
on i.instructor_id = s.instructor_id
inner join enrollment e
on s.section_id = e.section_id
where location = 'L211'
group by i.instructor_id,first_name,last_name
having count(*) > 3;

```

```

13.
SELECT salutation ||' '||first_name||' '||last_name AS Instructor, phone
FROM instructor i
INNER JOIN section s
ON i.instructor_id = s.instructor_id
INNER JOIN
(SELECT instructor_id, COUNT(*)AS Course
FROM section s
INNER JOIN course c
ON s.course_no = c.course_no
GROUP BY instructor_id)t1
ON t1.instructor_id = s.instructor_id
WHERE course_no = 142
AND course = 1;

```

```

14.
SELECT first_name, last_name, sec.section_id, course_no, NVL(NumGrades, 0)
AS NumGrades
FROM student s
INNER JOIN enrollment e
ON s.student_id = e.student_id
INNER JOIN section sec
ON e.section_id = sec.section_id
LEFT OUTER JOIN
(SELECT g.student_id, g.section_id, COUNT(*) AS NumGrades
FROM grade g
INNER JOIN enrollment e
ON g.student_id = e.student_id
GROUP BY g.student_id, g.section_id) t1
ON t1.student_id = e.student_id
AND e.section_id = t1.section_id
WHERE NumGrades IS NULL

```

```
ORDER BY last_name, first_name;
```

15.

```
select STARTTIME, count(*) as NUMBER_OF_COURSES
from (
select DISTINCT to_char(start_date_time, 'HH:MI AM') as STARTTIME
, Course_no
from section)
group by STARTTIME
order by STARTTIME;
```