

1.)

```
SELECT *  
from instructor;
```

```
insert into instructor  
(instructor_id, salutation, first_name, last_name, street_address,  
zip  
, phone, created_by, created_date, modified_by, modified_date)  
Values  
( '815', 'Mr', 'Hugo', 'Reyes', '2342 Oceanic Way',  
'07002', null, 'Sam Hanson', sysdate, 'Sam Hanson', sysdate);
```

2.)

```
Select *  
from section;
```

```
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('Sep. 22, 2011, 8:15 AM', 'MON DD, YYYY, HH:MI,  
AM'),  
'L211', 815, 15, 'Sam Hanson', sysdate,'Sam Hanson', sysdate);
```

3.)

```
Select *  
from enrollment;
```

```
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, 'Sam Hanson', sysdate,  
'Sam Hanson', sysdate  
from student  
where student_id in( 375, 137, 266, 382);
```

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;
```

7.)

```
Update grade
set numeric_grade = 100
where grade_type_code = 'HM'
and grade_code_occurrence = 1
and section_id = 119;
```

8.)

```
Update grade
set numeric_grade = numeric_grade * 1.1
where grade_type_code = 'FI'
and section_id = 119;
```

10.)

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

11.)

```
SELECT g.student_id, s.first_name, s.last_name,
Round(AVG(g.numeric_grade), 2) AS Average
FROM grade g inner join student s
on g.student_id = s.student_id
where g.section_id = 119
group by g.student_id, s.first_name, s.last_name
order by g.student_id;
```

13.)

```
Select salutation, first_name, last_name, phone
from
(SELECT salutation, first_name, last_name, instructor_ID,
instructor.PHONE
FROM instructor) i
LEFT OUTER JOIN
(SELECT instructor_id, COUNT(*) as Courses
from section
group by instructor_id) s
on i.instructor_id = s.instructor_id
where courses = 1
order by Last_name, First_name;
```

14.)

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```
SELECT first_name, last_name, NVL(grades,0) as grades
FROM
(SELECT first_name, last_name, student_id
FROM student) s
```

LEFT OUTER JOIN

```
(SELECT g.student_id, Count(*) as grades
FROM grade g inner join section s
on g.section_id = s.section_id
group by g.student_id) g

on s.student_id = g.student_id
```