

Edward Ramirez
SQL Assignment 3

Question 1:

```
select first_name, last_name ,phone
from student s
inner join zipcode z on s.zip = z.zip
where city like 'Jersey City%'
order by last_name, first_name;
```

Question 2:

```
select c.course_no, c.description
from course c
inner join section s on c.course_no = s.course_no
inner join instructor i on s.instructor_id = i.instructor_id
where c.course_no >= 100 and c.course_no <= 199 and i.first_name || ' ' ||
i.last_name like 'Tom Wojick%'
order by course_no;
```

Question 3:

```
select gtw.grade_type_code, gt.description,
gtw.number_per_section,gtw.percent_of_final_grade,s.section_id
from section s
inner join grade_type_weight gtw
on s.section_id = gtw.section_id
inner join grade_type gt
on gtw.grade_type_code = gt.grade_type_code
where s.course_no = '350'
order by description, section_id;
```

Question 4:

```
select distinct first_name, last_name, To_Char(e.enroll_date, 'Day Mon DD
YYYY HH24:MI') as LONGDATE
from student s
inner join enrollment e
on s.student_id = e.student_id
where e.enroll_date >= to_date('01/01/2007' , 'MM/DD/YYYY')
and e.enroll_date <= TO_DATE('02/01/2007', 'MM/DD/YYYY')
order by 'LONGDATE',last_name, first_name;
```

Question 5:

```
SELECT s.Last_name || ', ' || s.First_name AS FULLNAME,
To_Char(e.enroll_date, 'mm/DD/yyyy') AS ENROLLDATE, sc.course_no,
g.Grade_type_code, g.Grade_code_occurrence, g.Numeric_grade
FROM Student s
INNER JOIN Enrollment e
ON e.Student_id = s.student_id
INNER JOIN Grade g
ON g.Student_id = e.Student_id
and e.section_id = g.section_id
INNER JOIN Section sc
ON sc.Section_id = e.Section_id
WHERE s.Last_name LIKE 'W%' AND s.First_name LIKE 'D%'
```

```
ORDER BY s.Last_name, sc.course_no, g.Grade_type_code,
g.Grade_code_occurrence, g.Numeric_grade;
```

Question 6:

```
SELECT Section_id, Section_no, description
FROM Section s
INNER JOIN Course c
ON c.Course_no = s.Course_no
WHERE c.prerequisite is null
ORDER BY s.Section_id;
```

Question 7:

```
SELECT distinct s.First_name, s.Last_name, s.Phone, TO_char(e.Enroll_date,
'DD, Mon, YYYY HH24:MI')
FROM Student s
INNER JOIN Zipcode z
ON z.Zip = s.Zip
INNER JOIN Enrollment e
ON e.Student_id = s.Student_id
WHERE City LIKE 'Brooklyn'
AND e.Enroll_date < to_Date('10:15', 'HH:MI')
AND e.Enroll_date < to_Date('February 07, 2007', 'Month, DD, YYYY')
ORDER BY s.Last_name, s.First_name;
```

Question 8:

```
SELECT distinct c.course_no, c.description, gt.description
from course c
inner join section s
on s.course_no = c.course_no
inner join grade_type_weight gtw
on gtw.section_id = s.section_id
inner join grade_type gt
on gt.grade_type_code = gtw.grade_type_code
where gt.description = 'Participation'
order by c.course_no;
```

Question 9:

```
SELECT e.section_id, g.grade_type_code, g.numeric_grade
from enrollment e
inner join grade g
on g.student_id = e.student_id
and g.section_id = e.section_id
inner join grade_type_weight gtw
on gtw.section_id = g.section_id
and gtw.grade_type_code = g.grade_type_code
where numeric_grade < 73 and gtw.drop_lowest = 'Y'
order by g.numeric_grade desc, e.section_id, g.grade_type_code;
```

Question 10;

```
select c.course_no, c.description, prereq.prerequisite, prereq.description
from course c
inner join course prereq
on c.prerequisite = prereq.course_no
where c.course_no >= 100 and c.course_no <=199
```

```
order by course_no;
```