1. Print out all the student first names and last names. (1pt)

–start

```
USE university;

select first_name, last_name
from student;
```

–end query

2. Print out the IDs of all the tenured instructors. (1pt)

–start

```
use university;

select instructor_id
from instructor
where tenured = TRUE;
```

–end query

3. Print out the student first and last names along with their advisor's first and last names. Make sure to alias descriptive column names. Leave out any students without advisors and any advisors without students. (1pt)

–start

```
use university;

select a.first_name AS student_first_name ,a.last_name AS student_last_name,
b.first_name  AS instructor_first_name, b.last_name  AS instructor_last_name
from student a
inner join instructor b
on a.advisor_id = b.instructor_id;
```

– end query

4. Print out the ID, first name, and last name of all instructors who do not have any advisees (HINT: Lookup the different join types in MySQL and use "IS NULL" instead of "= NULL"). (1pt)

–start

```
use university;

select I.instructor_id, I.first_name , I.last_name
from instructor I
left join student S
on S.advisor_id = I.instructor_id
where advisor_id is null;
–end query
```

5. Print out the first and last name of all the instructors along with the total number of credit hours they teach. (1pt)

```
–start
use university;

select a.first_name, a.last_name, sum(num_credits) as totalCredits
from instructor a
inner join course b
on b.instructor_id = a.instructor_id
group by a.instructor_id;
–end query
```

6. Print out the course code and course name of all 3000 level courses (HINT: Lookup the SQL LIKE operator). (1pt)

```
–start
use university;

select course_code , course_name
from course
where course_code like '%3___';
–end query
```

7. Print out the course schedule of the student with an ID of 1 by printing off the course code, instructor first name, instructor last name, and number of credit hours for each course in which student 1 is enrolled. (3pts)

```
–start
```

```
use university;

select c.course_code, I.first_name, I.last_name, c.num_credits
from student_schedule s
inner join course c
on s.course_id = c.course_id
inner join instructor I
on c.instructor_id = I.instructor_id
where s.student_id = 1;
–end query
```