Relational Databases with MySQL Week 1 Coding Assignment

1. Show all employees who were born before 1965-01-01

SELECT \* from employees WHERE birth\_date < '1965-01-01';

2. Show all employees who are female and were hired after 1990

SELECT \* from employees WHERE gender = 'F' and hire\_date > '1990-12-31';

3. Show the first and last name of the first 50 employees whose last name starts with F

SELECT first\_name, last\_name from employees WHERE last\_name like 'F%' LIMIT 50;

4. Insert 3 new employees into the employees table. There emp\_no should be 100, 101, and 102. You can choose the rest of the data.

INSERT into employees(emp\_no, birth\_date, first\_name, last\_name, gender, hire\_date)

VALUES (100, '1968-03-01', 'Sam', 'Schetty', 'M', '1990-03-01'),

(101, '1969-04-01', 'Pam', 'Patty', 'F', '1991-04-01'),

(102, '1970-05-01', 'Ham', 'Henry', 'M', '1992-05-01');

5. Change the employee's first name to Bob for the employee with the emp\_no of 10023.

UPDATE employees

Set first\_name = 'Bob'

WHERE emp\_no = 10023;

6. Change all employees hire dates to 2002-01-01 whose first or last names start with P.

UPDATE employees

Set hire\_date = '2002-01-01'

WHERE first\_name like 'P%' OR last\_name like 'P%';

7. Delete all employees who have an emp\_no less than 10000

DELETE from employees WHERE emp\_no < 10000;

8. Delete all employee who have an emp\_no of 10048, 10099, 10234, and 20089.

DELETE from employees WHERE emp\_no IN (10048, 10099, 10234, 20089);