David Smith
STAT 4260
Assignment 4

1.

SELECT DISTINCT JOB_ID
FROM employees;

2.

SELECT *
FROM employees
WHERE LAST_NAME IN ('BLAKE', 'SCOTT', 'KING', 'FORD');

3.

UPDATE employees
SET PHONE_NUMBER =
INSERT(PHONE_NUMBER, POSITION('124' IN PHONE_NUMBER), 3, '999');

4.

SELECT *
FROM employees
WHERE LENGTH(FIRST_NAME) >= 8;

5.

SELECT EMPLOYEE_ID, REVERSE(INSERT(REVERSE(EMAIL), 1, 3, '')) email_id
FROM employees;

6.

UPDATE employees
SET EMAIL = REVERSE(INSERT(REVERSE(EMAIL), 1, 0, 'moc.elpmaxe@'));

7.

SELECT UPPER(FIRST_NAME)
FROM employees;

8.

SELECT RIGHT(PHONE_NUMBER, 4) `Ph.No.`

FROM employees;

9.

```sql
SELECT *
FROM locations
WHERE LENGTH(STREET_ADDRESS) =
(SELECT MIN(LENGTH(STREET_ADDRESS))
FROM locations);
```

10.

```sql
SELECT CONCAT(FIRST_NAME, ' ', LAST_NAME) full_name
FROM employees
WHERE LAST_NAME LIKE '__%c%';
```

11.

```sql
SELECT FIRST_NAME first_name_starts_with_ajm,
LENGTH(FIRST_NAME) first_name_starts_with_ajm_length
FROM employees
WHERE SUBSTRING(FIRST_NAME, 1, 1) IN ('A', 'J', 'M')
ORDER BY FIRST_NAME;
```

12.

```sql
SELECT SUBSTRING(FIRST_NAME, 1, 8),
REPEAT('$', FLOOR(SALARY/1000)), SALARY
FROM employees
ORDER BY SALARY DESC;
```

13.

```sql
SELECT SUBSTRING(JOB_TITLE, 1, POSITION(' ' IN JOB_TITLE) - 1)
FROM jobs
WHERE JOB_TITLE LIKE '% %';
```

14.

```sql
SELECT YEAR(CURRENT_DATE());
```

15.

```sql
SELECT CONCAT(MONTHNAME(CURRENT_DATE()), ' ',
EXTRACT(DAY FROM CURRENT_DATE()), ', ', YEAR(CURRENT_DATE())) date;
```

16.

```sql
SELECT CONCAT(DAYNAME(CURRENT_DATE()), ' ',
MONTHNAME(CURRENT_DATE()), ' ', YEAR(CURRENT_DATE())) date;
```

17.

```sql
SELECT EXTRACT(YEAR FROM CURRENT_DATE());
```

18.

```sql
SELECT FIRST_NAME, HIRE_DATE
FROM employees
WHERE HIRE_DATE <= '1989-06-01' AND HIRE_DATE >= '1987-07-30';
```