COMP2014J 2019 Class Test Preparation (Week 8)

Sample Expected Output

1. List the food ID and the description of all foods that were supplied by supplier 103.

```
+---------+------------------+
| food_id | description      |
+---------+------------------+
| 303     | Vegetarian Dinner |
| 305     | Wine and Cheese  |
+---------+------------------+
2 rows in set (0.00 sec)
```

2. Add your own personal details to the employees table. Put yourself in the shipping department with employee ID of 211, manager_id of 204, a hire date of today's date and whatever you like for the other fields.

```
Query OK, 1 row affected (0.01 sec)
```

3. List all the distinct supplier_address values in the suppliers table and sort these in descending alphabetical order.

```
+------------------+
| supplier_address |
+------------------+
| Wexford          |
| Waterford        |
| Kildare          |
| Dublin           |
+------------------+
4 rows in set (0.00 sec)
```

4. For each manager, list the description of the food they had for lunch each day. Sort this list by the manager's name, in ascending alphabetical order (a manager is an employee who is the manager of any other employee).

```
+------------+-----------+---------------+
| first_name | last_name | description   |
+------------+-----------+---------------+
| Susan      | Brown     | Fish Supper   |
| Jim        | Kern      | Steak Dinner  |
+------------+-----------+---------------+
2 rows in set (0.01 sec)
```

5. List those foods that are not supplied by supplier 103 and do not cost more than 30.

```
+---------+-------------+-------+-------------+
| food_id | description | price | supplier_id |
+---------+-------------+-------+-------------+
| 302     | Fish Supper | 25.00 | 104         |
+---------+-------------+-------+-------------+
1 row in set (0.01 sec)
```

6. List the first name and last names of all employees who work in either the Personnel or Shipping departments and who were hired in 2017.

```
+------------+-----------+
| first_name | last_name |
+------------+-----------+
| Fred       | Campbell  |
+------------+-----------+
1 row in set (0.01 sec)
```

7. Find the price of the least expensive and the most expensive foods in the foods table.

```
+------------+------------+
| MIN(price) | MAX(price) |
+------------+------------+
|      20.00 |      55.00 |
+------------+------------+
1 row in set (0.01 sec)
```

8. List the names of any suppliers who do not supply any foods.

```
+-------------------+
| supplier_name     |
+-------------------+
| Tesco Supermarket |
+-------------------+
1 row in set (0.00 sec)
```

9. For every employee in the employees table, list their full name, the name of their manager and the

name of the department they work in.

```
+------------+----------+--------------+-------------+-----------+
| first_name | last_name | manager_first | manager_last | dept_name |
+------------+----------+--------------+-------------+-----------+
| Jim        | Kern     | Susan        | Brown       | Sales     |
| Martha     | Woods    | Susan        | Brown       | Shipping  |
| Ellen      | Owens    | Jim          | Kern        | Sales     |
| Henry      | Perkins  | Jim          | Kern        | Sales     |
| Dan        | Smith    | Martha       | Woods       | Shipping  |
| Fred       | Campbell | Martha       | Woods       | Shipping  |
| Paula      | Jacobs   | Susan        | Brown       | Marketing |
| Nancy      | Hoffman  | Martha       | Woods       | Sales     |
+------------+----------+--------------+-------------+-----------+
8 rows in set (0.00 sec)
```

10. Change Jim Kern's record in the employees table so that his credit limit is 95.00 and his phone extension is 0114.

```
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```