Assignment

Deadline: 28/6/2021

FORMAT OF TABLES:

- Customers(<u>customer_id</u>,first_name,last_name,dob,phone)

- Product_types(<u>product_type_id</u>,name)

- Products(<u>product_id</u>,product_type_id,name,description,price)

- Purchases(<u>product_id,customer_id</u>,quantity)

- Employees(<u>employee_id</u>,manager_id,first_name,last_name,title,salary)

QUERIES:

1) Display first and last names of those employees whose first and last name do not match.

2) Display name and product id of customers that may or may not have ordered any product.

3) Display name and product name of customers that have places any order.
   (Hint: Nested Joins)

4) Display all the products ordered by John.

5) Display all the employees who are manager.

6) Show all the product type ids and their corresponding product names.

7) Display the total number of employees who are manager.

8) Display the names of employees who have placed exactly 2 product orders.

9) Display the salary difference of the most highly and least payed employees.

10) Create table of PRODUCT, Dept and Employee with appropriate columns and fill them with dummy data.

11) Rename 'Dept' table to 'Department' and add column of 'DEPARTMENT_SERVING_YEARS' in it.

12) Update name 'Ahmed' to 'Ahmad' in Employee table.