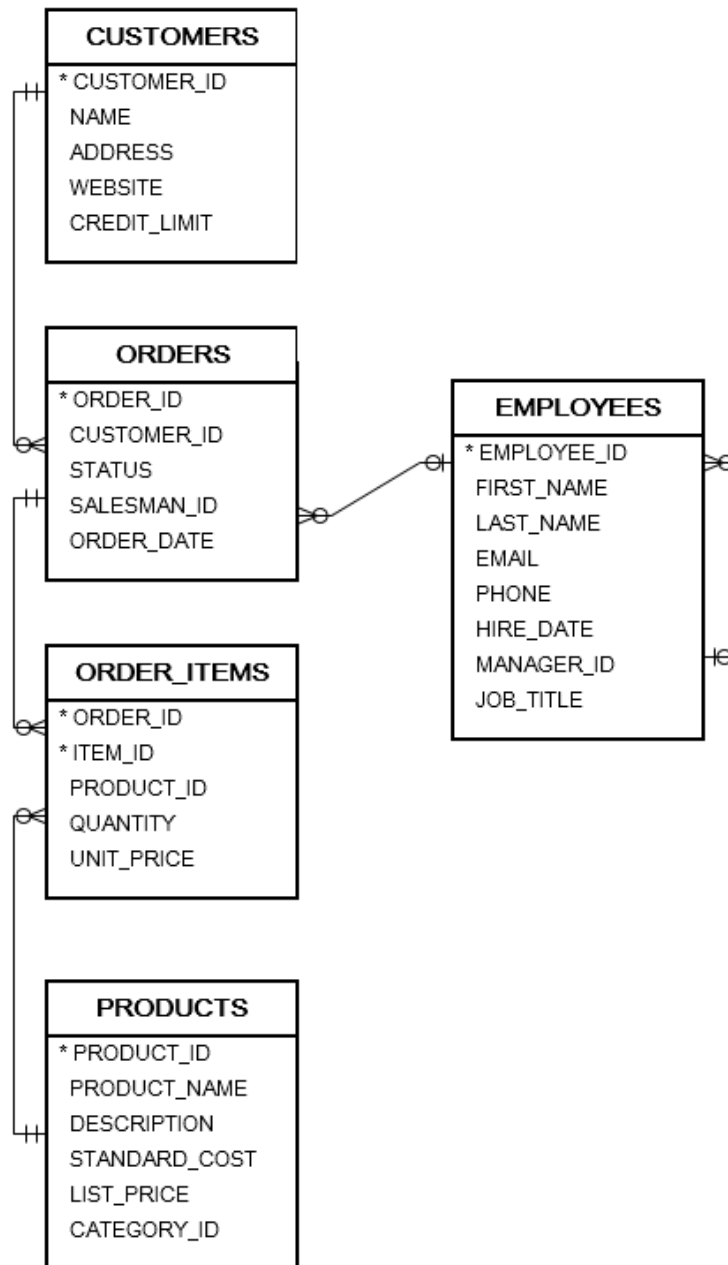




Princess Sumaya University for Technology
King Hussein Faculty of Computing Sciences
Computer Science Department

DataBase Systems Lab
CS 11354
Spring Semester: 2022/2023
Lab Assignment # 4

Lab Exercises (Use the following tables):





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1. Write a query to display the customer's name, customer address, order ID, Status, order date for all orders.

```
select name,address,order_id,status,order_date  
from customers, orders  
where customers.customer_id=orders.order_id;
```
2. Write a query to display the product name, order id, order date, status, quantity, unit price for the order items having the product name started with 'Intel'.

```
select product_name,orders.order_id,order_date,status,quantity,unit_price  
from order_items,products,orders  
where order_items.product_id=products.product_id and  
orders.order_id=order_items.order_id and product_name like 'Intel%';
```
3. Write a query that will display all the orders that have the same salesman and having different order id, display them in pairs (order id1 and order id2 are served by first name).

```
select a.order_id || ' and ' || b.order_id || ' are served by ' || first_name  
from orders a,orders b, employees  
where a.salesman_id=b.salesman_id and employees.employee_id=a.salesman_id and  
a.order_id<>b.order_id;
```
4. Write a query that will display the order id, product name, unit price for all orders that has the unit price less than the unit price of order id 68.

```
select a.order_id,product_name,a.unit_price  
from order_items a,order_items b, products  
where a.unit_price<b.unit_price and b.order_id=68 and  
a.product_id=products.product_id;
```
5. Write a query to display the order id, product name. all product names must be shown including the products that didn't requested in any order

```
select order_id, product_name  
from order_items,products  
where products.product_id=order_items.product_id(+);
```