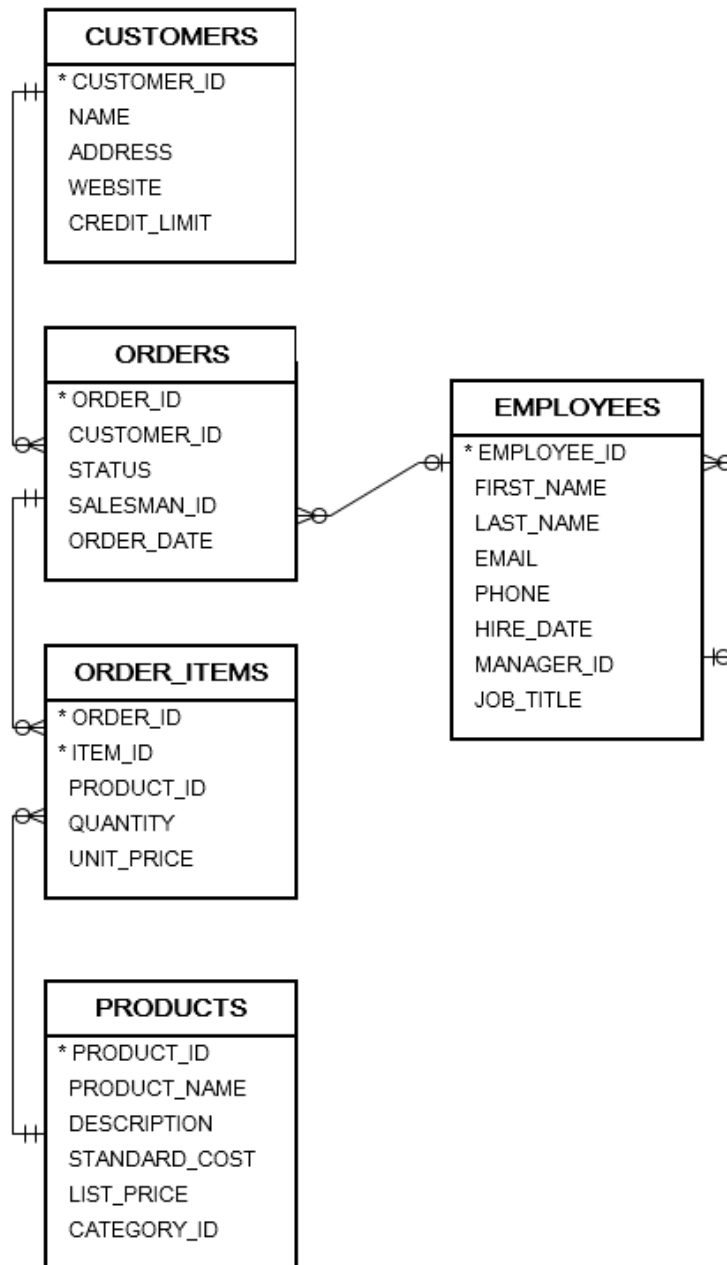




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King Hussein Faculty of Computing Sciences
Computer Science Department

Database Systems Lab
CS 11354
Spring Semester: 2022/2023
Lab Assignment # 5

Lab Exercises (Use the following tables):





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Use Subquery to find:

1. Write a query to display the product id, product_name, list_price for the products that has the list price greater than the product_id 208.

**select product_id,product_name,list_price from products where
list_price > (select list_price from products where product_id=208);;**

2. Write a query to display the name of the products that is ordered more than 6 times.

**select product_name from products where product_id in (select
product_id from order_items group by product_id having
count(*)>6);**

3. Find the employee_id, first name, last name, number of orders for the employees who served the highest number of orders. (note that the salesman_id must not be null).

**select employee_id,first_name,last_name,count(*) from
employees,orders where orders.salesman_id=employees.employee_id
group by employee_id,first_name,last_name having count(*)=(select
max(count(*)) from orders where salesman_id is not null group by
salesman_id);**

4. Write a query to display the order_id for the ordered items that has quantity more than all quantities inside the order id number 101 and the unit_price is less than the average of unit prices.

**select order_id from order_items where quantity > all (select quantity
from order_items where order_id=101) and unit_price < (select
avg(unit_price) from order_items);**

5. Write a query to display the customer id,name for the customer that ordered an item with unit price=649 and quantity is 139

select customer_id,name from customers where customer_id=(select



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**customer_id from orders where order_id=(select order_id from
order_items where quantity=139 and unit_price=649));**