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Roll No. L1F18BSCS0311

Section - H

Database

Lab 11

Task 1

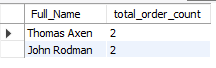
select concat(first\_name,' ',last\_name) as Full\_Name,

(select count(customer\_id) from orders where orders.customer\_id = customers.id and payment\_type = 'Cash') as total\_order\_count

from customers

group by (id)

having total\_order\_count > 0;



Task 2

select id, order\_date, (select status\_name from orders\_status where orders\_status.id = status\_id) as stats

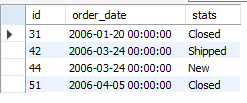
from orders where exists

(select count(order\_details.order\_id) as different

from order\_details

where orders.id = order\_id

having different >= 3);



Task 3

select concat(first\_name,' ',last\_name) as Employee\_Name

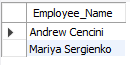
from employees where id IN

(select employee\_id from employee\_privileges

where privilege\_id IN

(select id from privileges where privilege\_name = 'Purchase Approvals'))

and employees.city = 'Redmond' or employees.city = 'Bellevue' or employees.city = 'kirkland';



Task 4

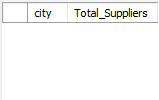
select s1.city, count(s2.city) as Total\_Suppliers

from suppliers as s1

inner join suppliers as s2

on s1.city = s2.city

group by s2.city;



Task 5

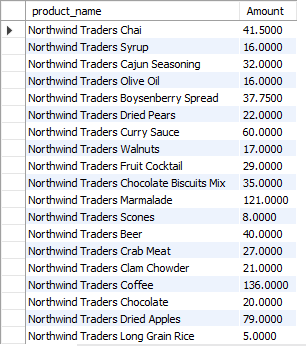
select product\_name, sum(unit\_cost) as Amount

from products

inner join purchase\_order\_details

on products.id = product\_id

group by(product\_id);



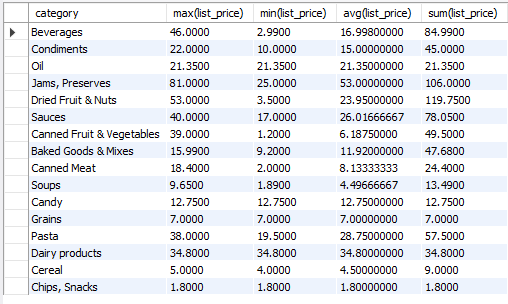


Task 6

select category, max(list\_price), min(list\_price), avg(list\_price), sum(list\_price)

from products

group by category;



Task 7

select concat(first\_name,' ',last\_name) as Fullname

from employees

inner join orders

on employees.id = orders.employee\_id

group by(orders.employee\_id)

having count(employee\_id) = (select count(employee\_id)

from orders

inner join employees

on employees.id = orders.employee\_id

group by(orders.employee\_id)

order by count(employee\_id) desc limit 1);

