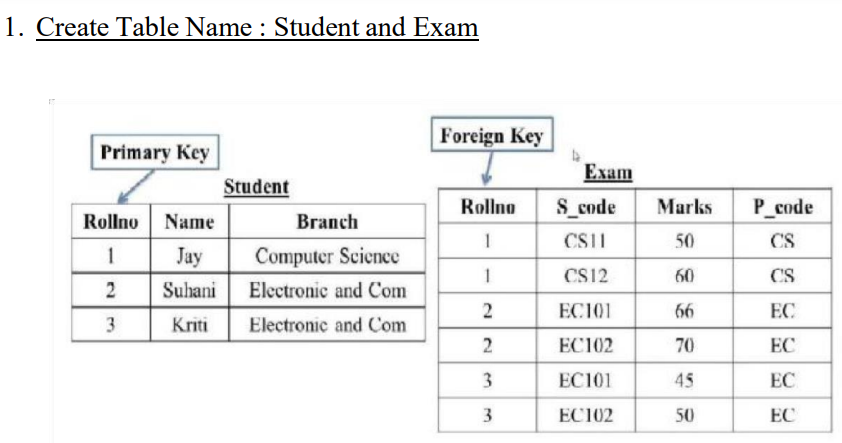
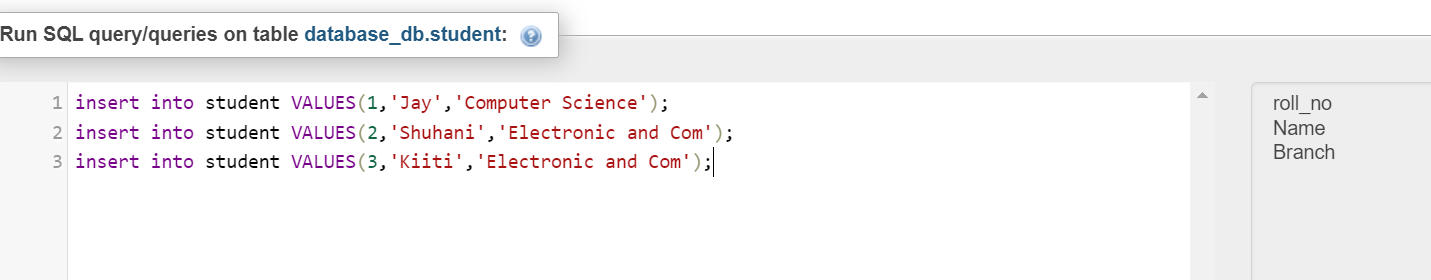
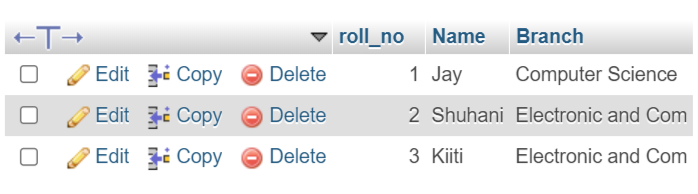
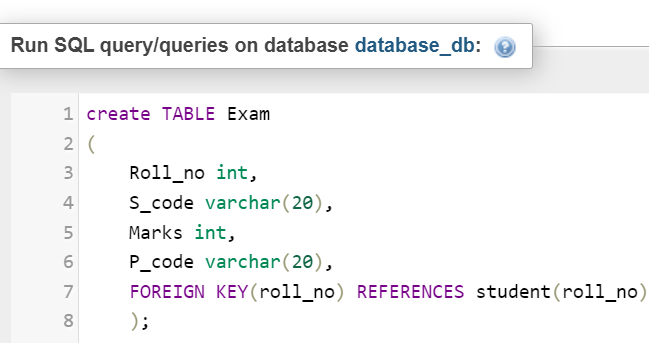
|  |
| --- |
| **SQL Queries** |

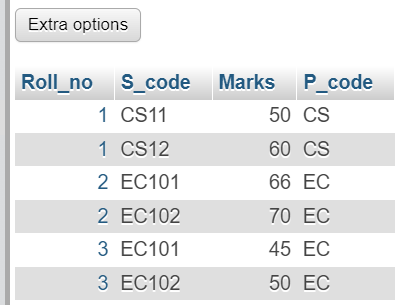


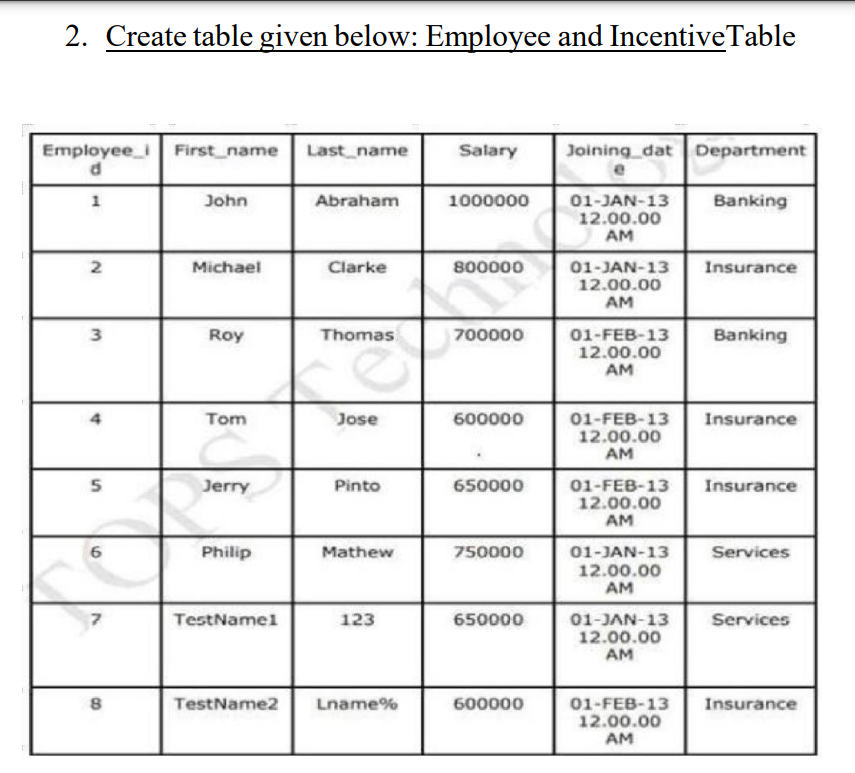


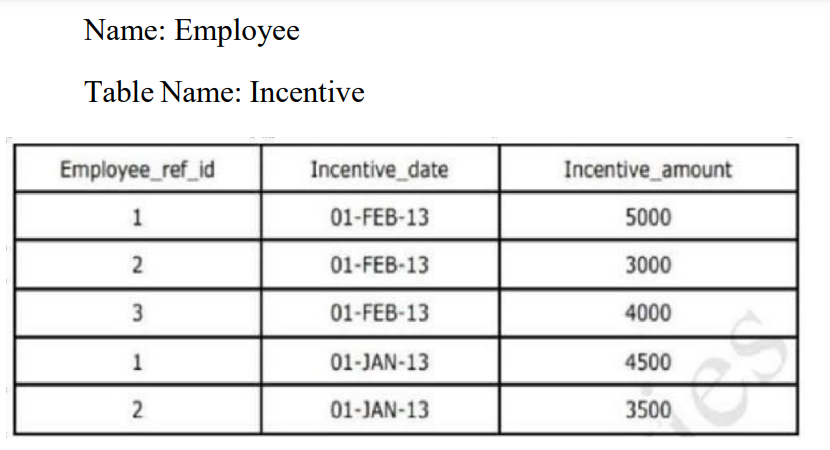


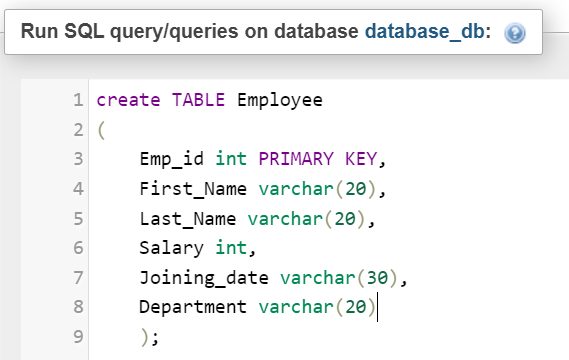


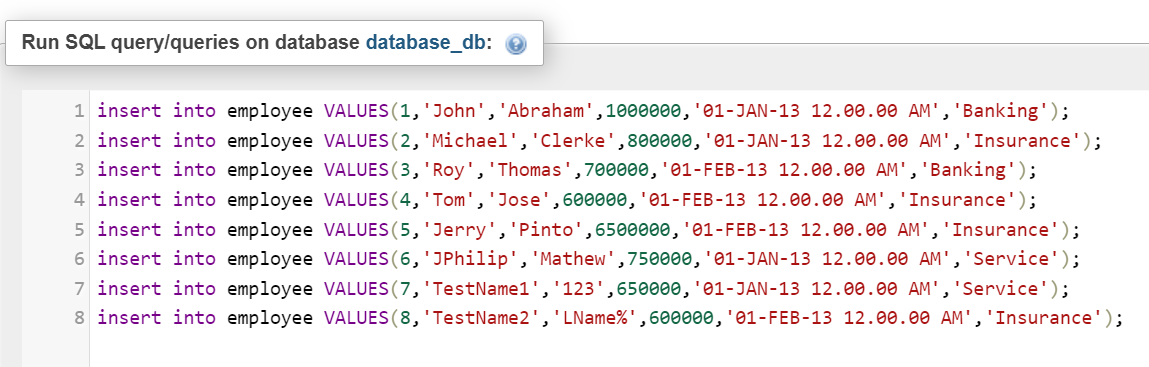




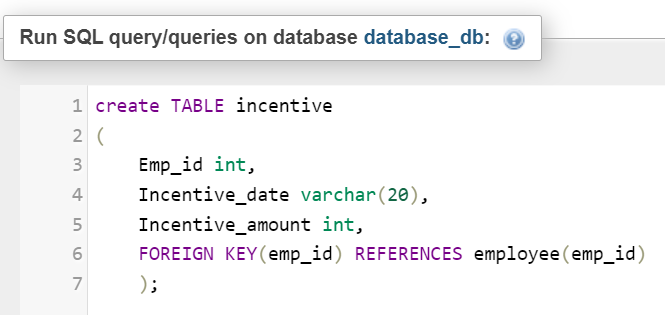


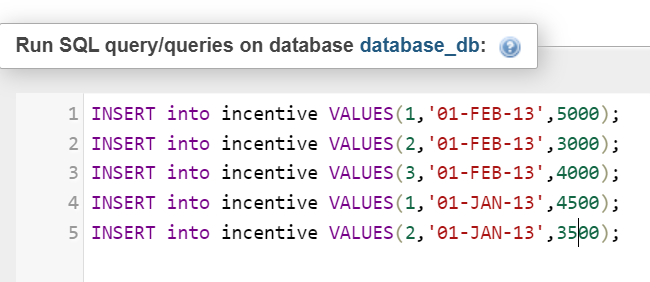


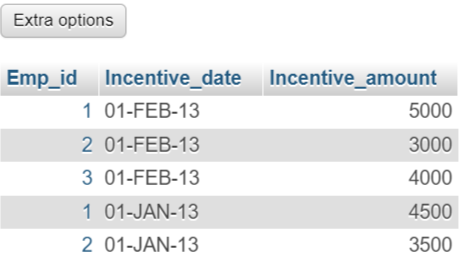












3. Get First\_Name from employee table using Tom name “Employee Name”.

Answer : [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html" \t "mysql_doc) First\_Name from employee where first\_name='Tom';



4. Get FIRST\_NAME, Joining Date, and Salary from employee table.

Answer : [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html" \t "mysql_doc) first\_name,Joining\_date,salary from employee;



5. Get all employee details from the employee table order by First\_Name

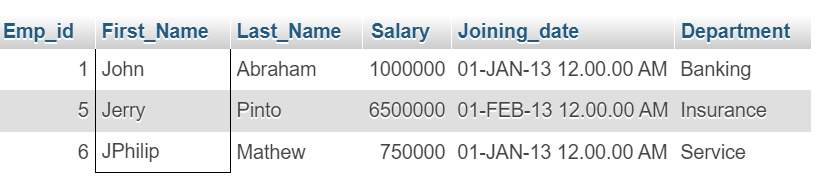
Ascending and Salary descending?

Answer : [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html" \t "mysql_doc) \* FROM `employee` ORDER BY First\_Name,Salary DESC;



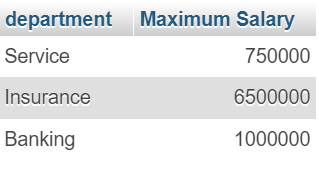
6. Get employee details fromemployee table whose first name contains ‘J’.

Answer : [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html" \t "mysql_doc) \* FROM `employee` where First\_Name [like](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/string-comparison-functions.html%23operator_like" \t "mysql_doc) 'j%';



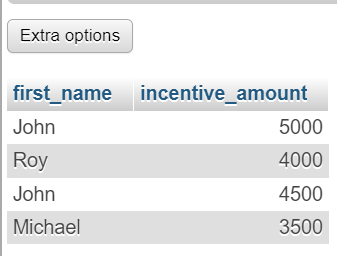
7. Get department wise maximum salary from employee table order by salary ascending.

Answer : [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html" \t "mysql_doc) department,[MAX](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_max" \t "mysql_doc)(Salary) as 'Maximum Salary' from employee GROUP BY Department ORDER BY Salary;



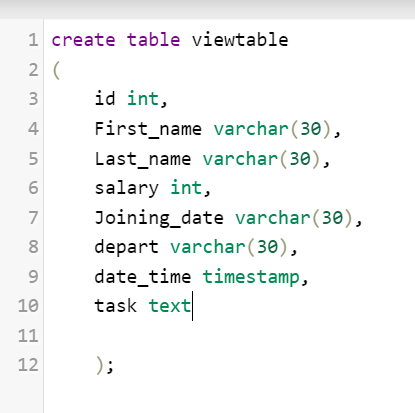
9. Select first\_name, incentive amount from employee and incentives table forthose employees who have incentives and incentive amount greater than 3000.

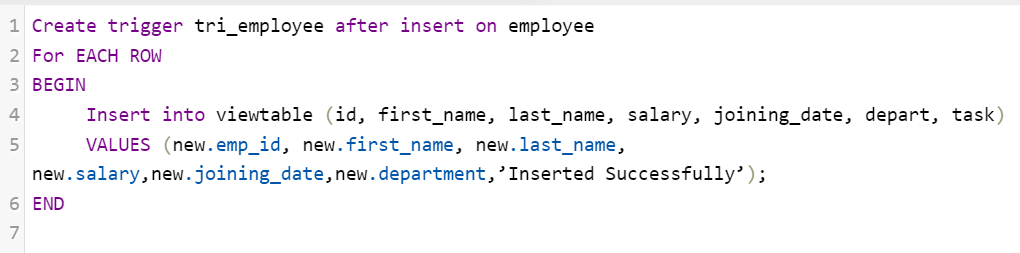
Answer : [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html" \t "mysql_doc) e.first\_name, i.incentive\_amount from employee e INNER JOIN incentive i on e.emp\_id=i.Emp\_id WHERE i.Incentive\_amount > 3000;

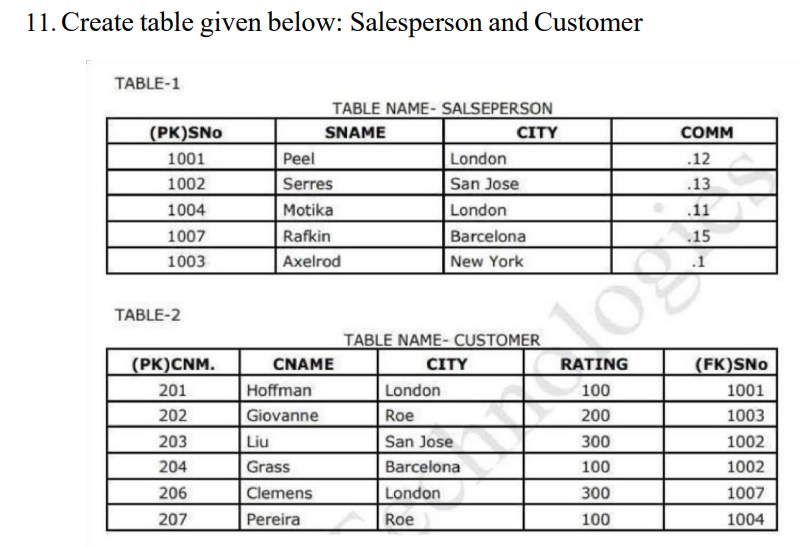


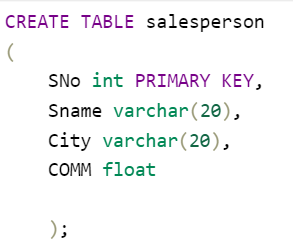
10. Create After Insert trigger on Employee table which insert records in view table.

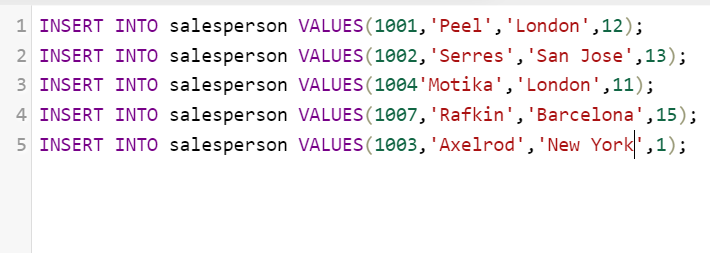
Answer :-



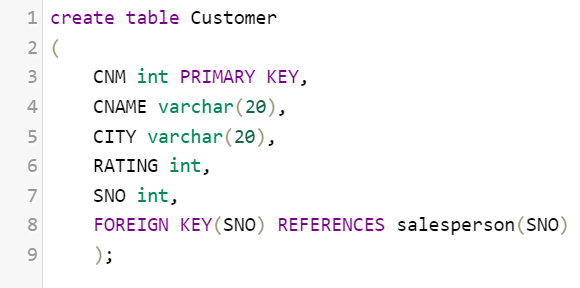


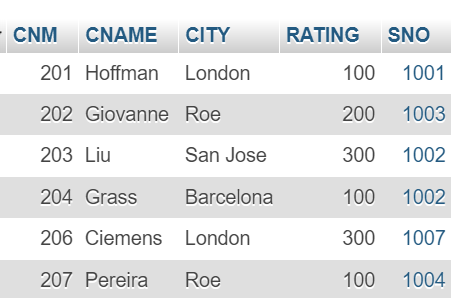
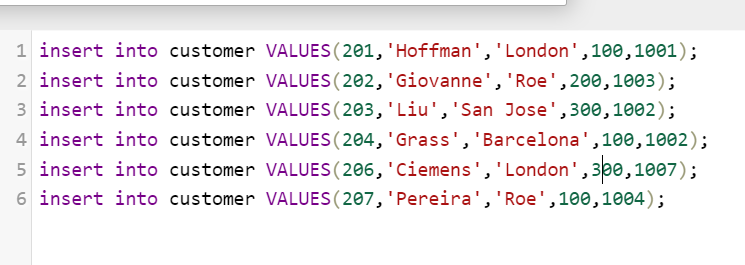






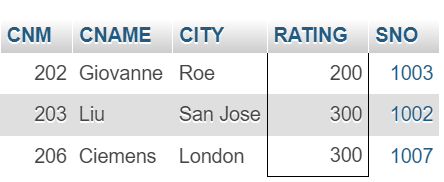






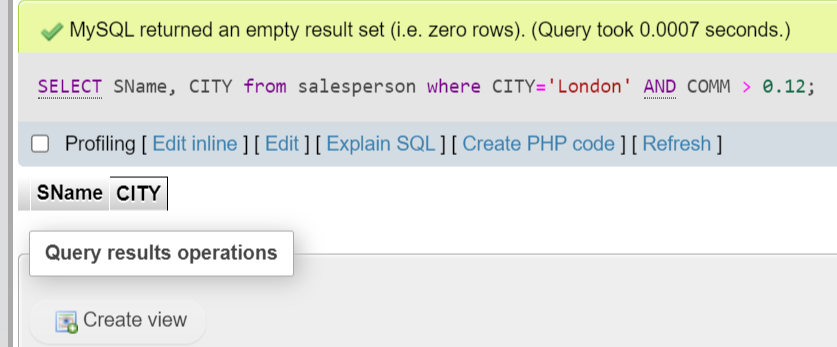
13. All Customer name whose rating is more than 100.

Answer :- [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html" \t "mysql_doc) \* FROM customer where RATING > 100;



14.Names and cities of all salespeople in London with commission above 0.12.

Answer :- [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html" \t "mysql_doc) SName, CITY from salesperson where CITY='London' [AND](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_and" \t "mysql_doc) COMM > 0.12;



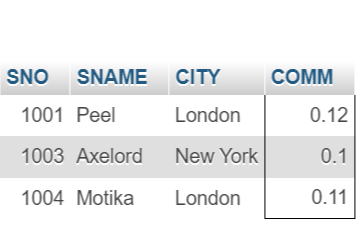
15.All salespeople either in Barcelona or in London.

Answer :- [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html" \t "mysql_doc) \* from salesperson WHERE CITY = 'Barcelona' [OR](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_or" \t "mysql_doc) CITY = 'London';



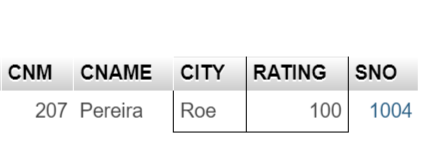
16. All salespeople with commission between 0.10 and 0.12. (Boundary values should be excluded).

Answer :- [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html" \t "mysql_doc) \* from salesperson where COMM BETWEEN 0.10 [AND](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_and" \t "mysql_doc) 0.12;



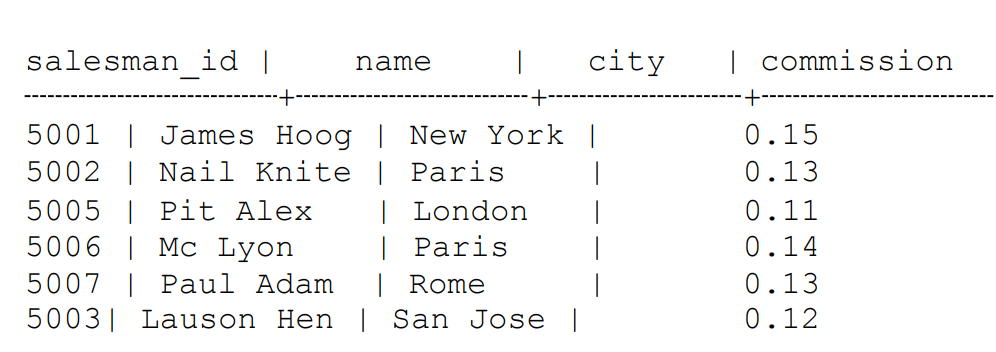
17. All customers excluding those with rating <= 100 unless they are located in Rome.

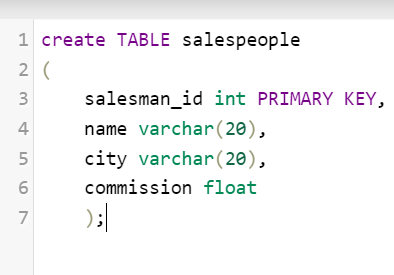
Answer :- [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html" \t "mysql_doc) \* FROM customer WHERE RATING <= 100 [AND](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_and" \t "mysql_doc) CITY = 'Roe';

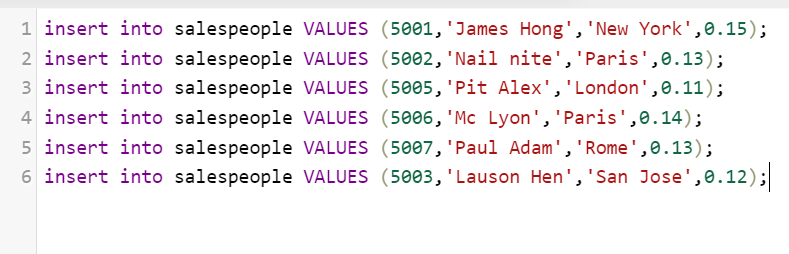


18. Write a SQL statement that displays all the information about all salespeople.

Answer :-

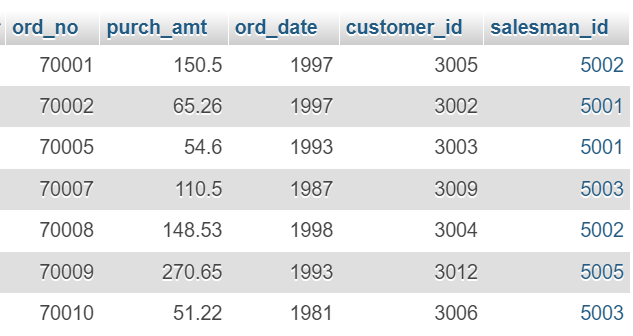
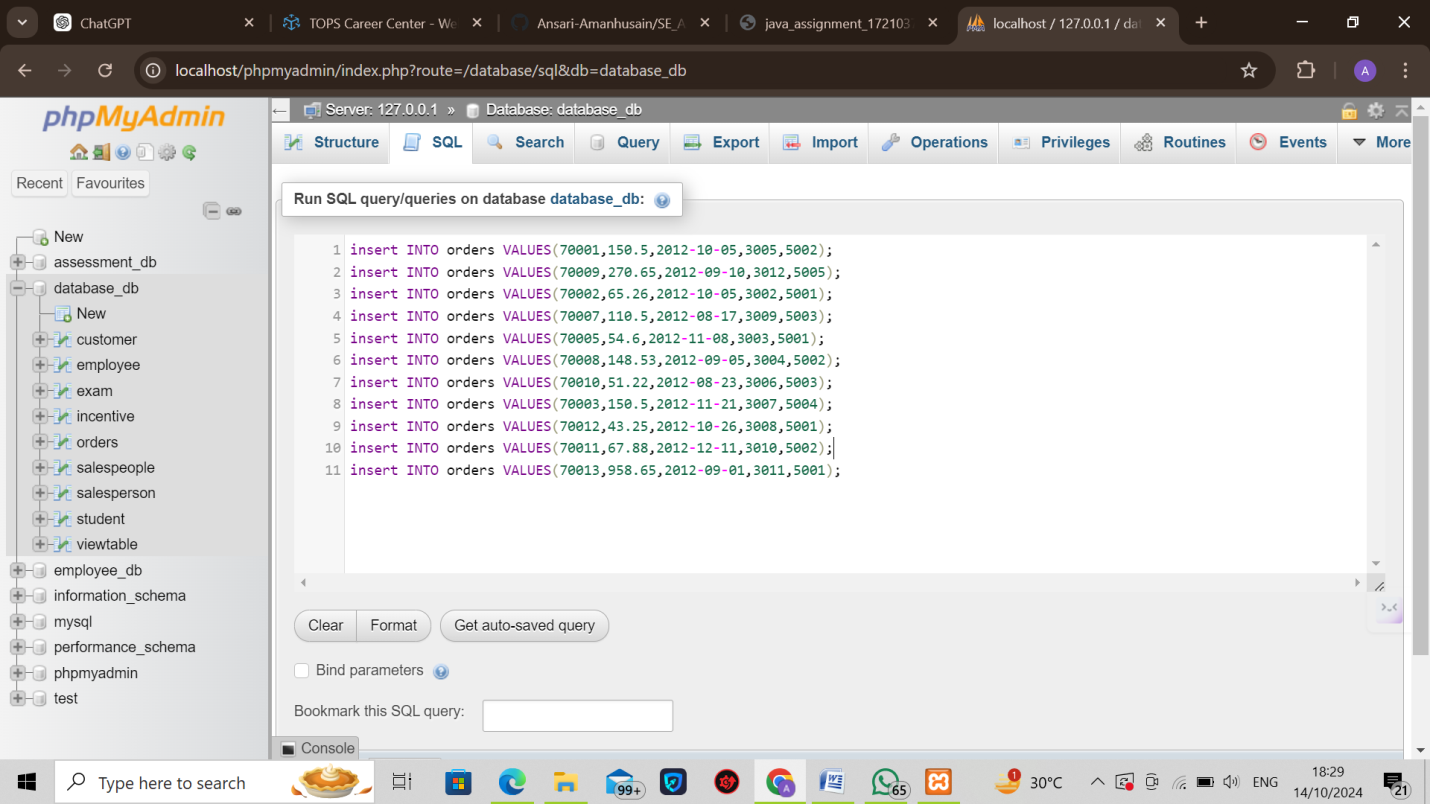
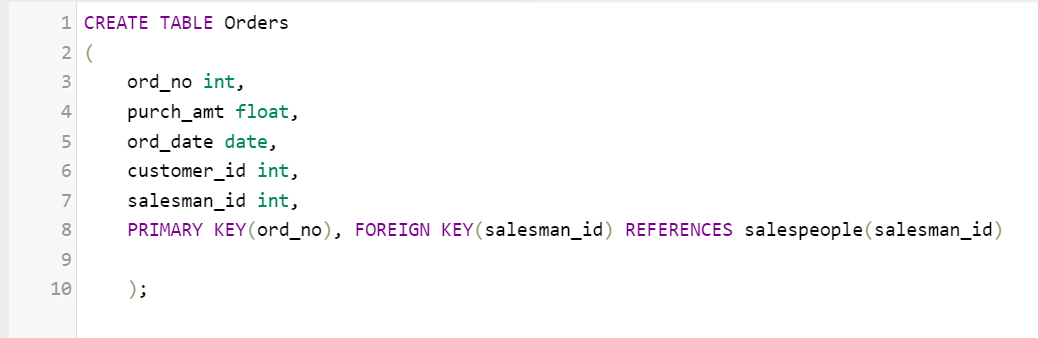






19. From the following table, write a SQL query to find orders that are delivered by a salesperson with ID. 5001. Return ord\_no, ord\_date, purch\_amt.

Answer :-

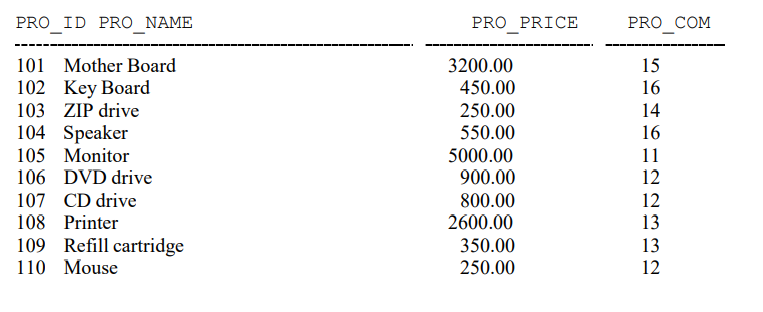


[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html" \t "mysql_doc) ord\_no,ord\_date,purch\_amt from orders WHERE salesman\_id=5001;

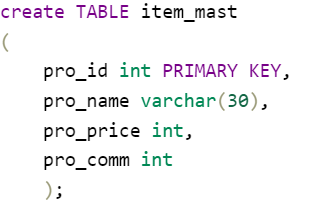


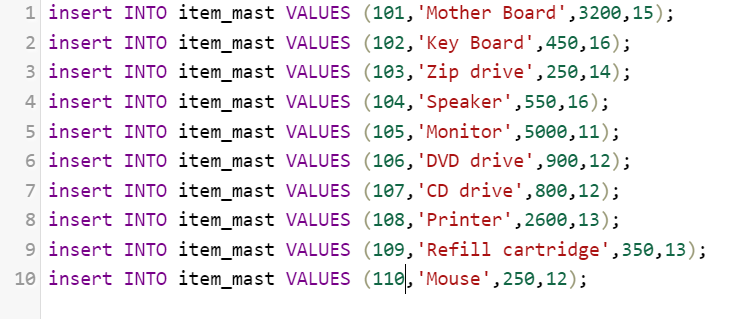
20. From the following table, write a SQL query to select a range of products whose price is in the range Rs.200 to Rs.600. Begin and end values are included. Return pro\_id, pro\_name, pro\_price, and pro\_com.

Sample table: item\_mast

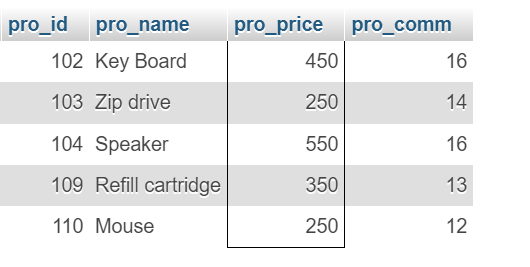


Answer :-





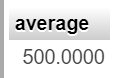
[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html" \t "mysql_doc) \* FROM `item\_mast` WHERE pro\_price BETWEEN 200 [AND](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_and" \t "mysql_doc) 600;



21. From the following table, write a SQL query to calculate the average price for a manufacturer code of 16. Return avg.

Answer :-

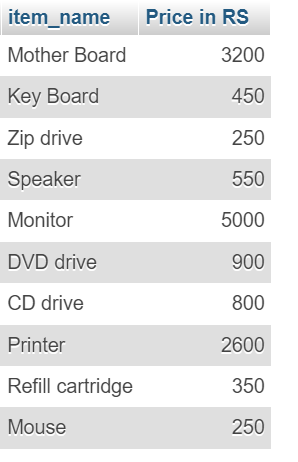
[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html" \t "mysql_doc) [AVG](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_avg" \t "mysql_doc)(pro\_price) AS average from item\_mast where pro\_comm=16;



22. From the following table, write a SQL query to display the pro\_name as 'Item Name' and pro\_priceas 'Price in Rs.'

Answer :-

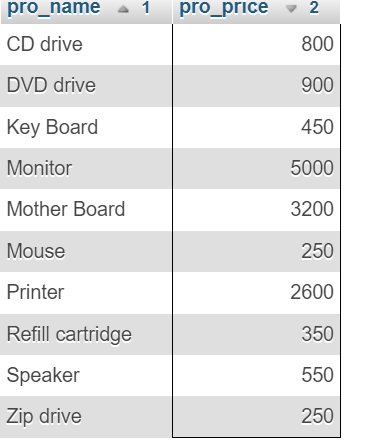
[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html" \t "mysql_doc) pro\_name AS "item\_name", pro\_price AS "Price in RS" from item\_mast;



23. From the following table, write a SQL query to find the items whose prices are higher than or equal to $250. Order the result by product price in descending, then product name in ascending. Return pro\_name and pro\_price.

Answer :-

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html" \t "mysql_doc) pro\_name, pro\_price from item\_mast where pro\_price >= 250 order BY pro\_name, pro\_price DESC;



24. From the following table, write a SQL query to calculate average price of the items for each company. Return average price and company code.

Answer :-

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html" \t "mysql_doc) pro\_comm AS "Company code", [AVG](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_avg" \t "mysql_doc)(pro\_price) AS "Average Price" FROM item\_mast GROUP BY pro\_comm;

