Sample table Name: salesman

salesman\_id | name | city | commission

-------------+------------+----------+------------

5001 | James Hoog | New York | 0.15

5002 | Nail Knite | Paris | 0.13

5005 | Pit Alex | London | 0.11

5006 | Mc Lyon | Paris | 0.14

5007 | Paul Adam | Rome | 0.13

5003 | Lauson Hen | San Jose | 0.12

5008 | Rose Willy | NULL | 0.17

5009 | Lauson Hen | Itly | NULL

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

mysql> select\* from salesman;

+-------------+------------+----------+------------+

| salesman\_id | name | city | commission |

+-------------+------------+----------+------------+

| 5001 | james Hoog | new york | 0.15 |

| 5002 | Nail Knite | Paris | 0.13 |

| 5003 | Lauson Hen | san jose | 0.13 |

| 5005 | Pit Alex | Loandan | 0.11 |

| 5006 | Mc Lyon | Paris | 0.14 |

| 5007 | paul adam | Rome | 0.14 |

| 5008 | Rose Willy | Null | 0.17 |

| 5009 | lauson hen | itly | NULL |

+-------------+------------+----------+------------+

8 rows in set (0.01 sec)

**2.Write a SQL statement to display specific columns such as names and ucommissions for all salespeople.**

mysql> select name,commission

-> from salesman;

+------------+------------+

| name | commission |

+------------+------------+

| james Hoog | 0.15 |

| Nail Knite | 0.13 |

| Lauson Hen | 0.13 |

| Pit Alex | 0.11 |

| Mc Lyon | 0.14 |

| paul adam | 0.14 |

| Rose Willy | 0.17 |

| lauson hen | NULL |

+------------+------------+

8 rows in set (0.00 sec)

**3.write a SQL query to locate salespeople who live in the city of 'Paris'. Return salesperson's name, city.**

mysql> select\*

-> from salesman

-> where city='paris';

+-------------+------------+-------+------------+

| salesman\_id | name | city | commission |

+-------------+------------+-------+------------+

| 5002 | Nail Knite | Paris | 0.13 |

| 5006 | Mc Lyon | Paris | 0.14 |

+-------------+------------+-------+------------+

2 rows in set (0.00 sec)

**4.write a SQL query to locate salespeople who live in the city of 'San Jose'. Return salesperson's name, commission.**

mysql> select\*

-> from salesman

-> where city='san jose';

+-------------+------------+----------+------------+

| salesman\_id | name | city | commission |

+-------------+------------+----------+------------+

| 5003 | Lauson Hen | san jose | 0.13 |

+-------------+------------+----------+------------+

1 row in set (0.00 sec)

**5.Write a SQL statement to display columns such as salesman\_id ,names and city for all salespeople.**

mysql> select salesman\_id,name,city

-> from salesman;

+-------------+------------+----------+

| salesman\_id | name | city |

+-------------+------------+----------+

| 5001 | james Hoog | new york |

| 5002 | Nail Knite | Paris |

| 5003 | Lauson Hen | san jose |

| 5005 | Pit Alex | Loandan |

| 5006 | Mc Lyon | Paris |

| 5007 | paul adam | Rome |

| 5008 | Rose Willy | Null |

| 5009 | lauson hen | itly |

+-------------+------------+----------+

8 rows in set (0.00 sec)

**6.Write a SQL query to display columns such as salesman\_id ,names and city for all salespeople.**

mysql> select salesman\_id,name,city

-> from salesman;

+-------------+------------+----------+

| salesman\_id | name | city |

+-------------+------------+----------+

| 5001 | james Hoog | new york |

| 5002 | Nail Knite | Paris |

| 5003 | Lauson Hen | san jose |

| 5005 | Pit Alex | Loandan |

| 5006 | Mc Lyon | Paris |

| 5007 | paul adam | Rome |

| 5008 | Rose Willy | Null |

| 5009 | lauson hen | itly |

+-------------+------------+----------+

8 rows in set (0.00 sec)

**7.Write a SQL statement that displays all the information Arranged the output in ascending order by name.**

mysql> select\*

-> from salesman

-> order by name asc;

+-------------+------------+----------+------------+

| salesman\_id | name | city | commission |

+-------------+------------+----------+------------+

| 5001 | james Hoog | new york | 0.15 |

| 5003 | Lauson Hen | san jose | 0.13 |

| 5009 | lauson hen | itly | NULL |

| 5006 | Mc Lyon | Paris | 0.14 |

| 5002 | Nail Knite | Paris | 0.13 |

| 5007 | paul adam | Rome | 0.14 |

| 5005 | Pit Alex | Loandan | 0.11 |

| 5008 | Rose Willy | Null | 0.17 |

+-------------+------------+----------+------------+

8 rows in set (0.00 sec)

**8.Write a SQL statement that displays all the information Arranged the output in ascending order by salesman\_id.**

mysql> select\*

-> from salesman

-> order by salesman\_id asc;

+-------------+------------+----------+------------+

| salesman\_id | name | city | commission |

+-------------+------------+----------+------------+

| 5001 | james Hoog | new york | 0.15 |

| 5002 | Nail Knite | Paris | 0.13 |

| 5003 | Lauson Hen | san jose | 0.13 |

| 5005 | Pit Alex | Loandan | 0.11 |

| 5006 | Mc Lyon | Paris | 0.14 |

| 5007 | paul adam | Rome | 0.14 |

| 5008 | Rose Willy | Null | 0.17 |

| 5009 | lauson hen | itly | NULL |

+-------------+------------+----------+------------+

8 rows in set (0.00 sec)

**9.Write a SQL statement that displays all the information Sort the output in descending order on salesman\_id.**

mysql> select\*

-> from salesman

-> order by salesman\_id desc;

+-------------+------------+----------+------------+

| salesman\_id | name | city | commission |

+-------------+------------+----------+------------+

| 5009 | lauson hen | itly | NULL |

| 5008 | Rose Willy | Null | 0.17 |

| 5007 | paul adam | Rome | 0.14 |

| 5006 | Mc Lyon | Paris | 0.14 |

| 5005 | Pit Alex | Loandan | 0.11 |

| 5003 | Lauson Hen | san jose | 0.13 |

| 5002 | Nail Knite | Paris | 0.13 |

| 5001 | james Hoog | new york | 0.15 |

+-------------+------------+----------+------------+

8 rows in set (0.00 sec)

**10.Write a SQL statement that displays all the information who live in the city of 'San Jose' AND 'Paris' Sort the output in descending order on salesman\_id.**

mysql> select\*

-> from salesman

-> where city in ('san jose','paris') order by salesman\_id desc;

+-------------+------------+----------+------------+

| salesman\_id | name | city | commission |

+-------------+------------+----------+------------+

| 5006 | Mc Lyon | Paris | 0.14 |

| 5003 | Lauson Hen | san jose | 0.13 |

| 5002 | Nail Knite | Paris | 0.13 |

+-------------+------------+----------+------------+

3 rows in set (0.00 sec)

**12.write a SQL query to locate who live in the city of 'San Jose' AND 'Paris' Sort the output in ascendingorder on salesman\_id.**

mysql> select\*

-> from salesman

-> where city in ('san jose','paris') order by salesman\_id asc;

+-------------+------------+----------+------------+

| salesman\_id | name | city | commission |

+-------------+------------+----------+------------+

| 5002 | Nail Knite | Paris | 0.13 |

| 5003 | Lauson Hen | san jose | 0.13 |

| 5006 | Mc Lyon | Paris | 0.14 |

+-------------+------------+----------+------------+

3 rows in set (0.00 sec)

**13.write a SQL query to locate who live in the city of 'Rome' OR'London' Sort the output in ascending order on salesman\_id.**

mysql> select\*

-> from salesman

-> where city in ('Rome','loandan') order by salesman\_id asc;

+-------------+-----------+---------+------------+

| salesman\_id | name | city | commission |

+-------------+-----------+---------+------------+

| 5005 | Pit Alex | Loandan | 0.11 |

| 5007 | paul adam | Rome | 0.14 |

+-------------+-----------+---------+------------+

2 rows in set (0.00 sec)

**14.write a SQL query to locate who live in the city of 'New York' OR'London' Sort the output in ascending order on city**

mysql> select\*

-> from salesman

-> where city in ('New Yark','loandan') order by city asc;

+-------------+----------+---------+------------+

| salesman\_id | name | city | commission |

+-------------+----------+---------+------------+

| 5005 | Pit Alex | Loandan | 0.11 |

+-------------+----------+---------+------------+

1 row in set (0.00 sec)

**15.write a SQL query to locate who live in the name of 'James Hoog' OR 'Paul Adam' Sort the output in ascending order on commission.**

mysql> select\*

-> from salesman

-> where name in ('James Hoog','Paul Adam') order by commission asc;

+-------------+------------+----------+------------+

| salesman\_id | name | city | commission |

+-------------+------------+----------+------------+

| 5007 | paul adam | Rome | 0.14 |

| 5001 | james Hoog | new york | 0.15 |

+-------------+------------+----------+------------+

2 rows in set (0.00 sec)

**16.Write a SQL statement to display specific columns such as names and commissions,city for all salespeople having commission 0.13.**

mysql> select name,commission,city

-> from salesman

-> having commission=0.13;

Empty set (0.00 sec)

**17.Write a SQL statement to display specific columns such as names and commissions for all salespeople having commission greater than 0.12.**

mysql> select name,commission,city

-> from salesman

-> having commission>0.12;

+------------+------------+----------+

| name | commission | city |

+------------+------------+----------+

| james Hoog | 0.15 | new york |

| Nail Knite | 0.13 | Paris |

| Lauson Hen | 0.13 | san jose |

| Mc Lyon | 0.14 | Paris |

| paul adam | 0.14 | Rome |

| Rose Willy | 0.17 | Null |

+------------+------------+----------+

6 rows in set (0.00 sec)

**18.Write a SQL statement to display all salespeople having commission greater than 0.12.**

mysql> select\*

-> from salesman

-> having commission> 0.12;

+-------------+------------+----------+------------+

| salesman\_id | name | city | commission |

+-------------+------------+----------+------------+

| 5001 | james Hoog | new york | 0.15 |

| 5002 | Nail Knite | Paris | 0.13 |

| 5003 | Lauson Hen | san jose | 0.13 |

| 5006 | Mc Lyon | Paris | 0.14 |

| 5007 | paul adam | Rome | 0.14 |

| 5008 | Rose Willy | Null | 0.17 |

+-------------+------------+----------+------------+

6 rows in set (0.00 sec)

**19.Write a SQL statement that displays all the information salespeople having city is NULL.**

mysql> select\*

-> from salesman

-> having city='NULL';

+-------------+------------+------+------------+

| salesman\_id | name | city | commission |

+-------------+------------+------+------------+

| 5008 | Rose Willy | Null | 0.17 |

+-------------+------------+------+------------+

1 row in set (0.00 sec)

**20.Write a SQL statement that displays all the information salespeople having commission is NULL.**

mysql> select\*

-> from salesman

-> having commission='NULL';

Empty set, 1 warning (0.00 sec)