practice:1

mysql> create database practice1;

Query OK, 1 row affected (0.01 sec)

mysql> use practice1;

Database changed

mysql> create table salesman(salesman\_id int primary key,name varchar(255) not null,city varchar(50),comission double);

Query OK, 0 rows affected (0.05 sec)

mysql> desc salesman;

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

| Field | Type | Null | Key | Default | Extra |

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

| salesman\_id | int | NO | PRI | NULL | |

| name | varchar(255) | NO | | NULL | |

| city | varchar(50) | YES | | NULL | |

| comission | double | YES | | NULL | |

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

4 rows in set (0.01 sec)

mysql> insert into salesman values(101,'james Hoog','new york',0.15);

Query OK, 1 row affected (0.01 sec)

mysql> insert into salesman values(102,'Nail Knite','paris',0.13);

Query OK, 1 row affected (0.01 sec)

mysql> insert into salesman values(103,'Pit Alex','London',0.14);

Query OK, 1 row affected (0.01 sec)

mysql> insert into salesman values(104,'Mc lyon','paris',0.11);

Query OK, 1 row affected (0.01 sec)

mysql> insert into salesman values(105,'paul Adam','rome',0.13);

Query OK, 1 row affected (0.01 sec)

mysql> insert into salesman values(106,'lausen Hen','san jose',0.12);

Query OK, 1 row affected (0.01 sec)

mysql> insert into salesman values(107,'rose willy','null',0.17);

Query OK, 1 row affected (0.01 sec)

mysql> select\*from salesman;

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

| salesman\_id | name | city | comission |

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

| 101 | james Hoog | new york | 0.15 |

| 102 | Nail Knite | paris | 0.13 |

| 103 | Pit Alex | London | 0.14 |

| 104 | Mc lyon | paris | 0.11 |

| 105 | paul Adam | rome | 0.13 |

| 106 | lausen Hen | san jose | 0.12 |

| 107 | rose willy | null | 0.17 |

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

7 rows in set (0.00 sec)

mysql> update salesman set city='' where salesman\_id=107;

Query OK, 1 row affected (0.01 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select\*from salesman;

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

| salesman\_id | name | city | comission |

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

| 101 | james Hoog | new york | 0.15 |

| 102 | Nail Knite | paris | 0.13 |

| 103 | Pit Alex | London | 0.14 |

| 104 | Mc lyon | paris | 0.11 |

| 105 | paul Adam | rome | 0.13 |

| 106 | lausen Hen | san jose | 0.12 |

| 107 | rose willy | | 0.17 |

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

7 rows in set (0.00 sec)

**1)**

mysql> insert into salesman values(108,'lausen hen','itly',0.17);

Query OK, 1 row affected (0.01 sec)

mysql> select\*from salesman;

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

| salesman\_id | name | city | comission |

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

| 101 | james Hoog | new york | 0.15 |

| 102 | Nail Knite | paris | 0.13 |

| 103 | Pit Alex | London | 0.14 |

| 104 | Mc lyon | paris | 0.11 |

| 105 | paul Adam | rome | 0.13 |

| 106 | lausen Hen | san jose | 0.12 |

| 107 | rose willy | | 0.17 |

| 108 | lausen hen | itly | 0.17 |

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

8 rows in set (0.00 sec)

**2)write a sql statement to display specific column such as names and commission for all salespeople**

mysql> select name,comission from salesman;

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

| name | comission |

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

| james Hoog | 0.15 |

| Nail Knite | 0.13 |

| Pit Alex | 0.14 |

| Mc lyon | 0.11 |

| paul Adam | 0.13 |

| lausen Hen | 0.12 |

| rose willy | 0.17 |

| lausen hen | 0.17 |

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

8 rows in set (0.00 sec)

**3)write a sql query to locate salespeople who live in the city of ‘paries ’return salesperson name ,city.**

mysql> select name,city from salesman where city='paris';

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

| name | city |

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

| Nail Knite | paris |

| Mc lyon | paris |

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

2 rows in set (0.01 sec)

**4)write a sql query to locate salespeople who live in the city of ‘san jose ’. return salesperson name , commission.**

mysql> select name,comission from salesman where city='san jose';

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

| name | comission |

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

| lausen Hen | 0.12 |

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

1 row in set (0.00 sec)

**5)write a sql statement to display column such as salesman\_id,name ,and city for all salespeople.**

mysql> select salesman\_id,name,city

-> from salesman;

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

| salesman\_id | name | city |

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

| 101 | james Hoog | new york |

| 102 | Nail Knite | paris |

| 103 | Pit Alex | London |

| 104 | Mc lyon | paris |

| 105 | paul Adam | rome |

| 106 | lausen Hen | san jose |

| 107 | rose willy | |

| 108 | lausen hen | itly |

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

8 rows in set (0.00 sec)

**6)write a sql query to display column such as salesman\_id,name ,and city for all salespeople.**

mysql> select salesman\_id,name,comission from salesman;

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

| salesman\_id | name | comission |

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

| 101 | james Hoog | 0.15 |

| 102 | Nail Knite | 0.13 |

| 103 | Pit Alex | 0.14 |

| 104 | Mc lyon | 0.11 |

| 105 | paul Adam | 0.13 |

| 106 | lausen Hen | 0.12 |

| 107 | rose willy | 0.17 |

| 108 | lausen hen | 0.17 |

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

8 rows in set (0.00 sec)

**7)write a sql statement that display the the information Arranged the output in ascending order by name.**

mysql> select\*from salesman order by name asc;

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

| salesman\_id | name | city | comission |

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

| 101 | james Hoog | new york | 0.15 |

| 106 | lausen Hen | san jose | 0.12 |

| 108 | lausen hen | itly | 0.17 |

| 104 | Mc lyon | paris | 0.11 |

| 102 | Nail Knite | paris | 0.13 |

| 105 | paul Adam | rome | 0.13 |

| 103 | Pit Alex | London | 0.14 |

| 107 | rose willy | | 0.17 |

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

8 rows in set (0.01 sec)

8**)write a sql statement that display the the information Arranged the output in ascending order by name.**

mysql> select\*from salesman order by salesman\_id asc;

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

| salesman\_id | name | city | comission |

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

| 101 | james Hoog | new york | 0.15 |

| 102 | Nail Knite | paris | 0.13 |

| 103 | Pit Alex | London | 0.14 |

| 104 | Mc lyon | paris | 0.11 |

| 105 | paul Adam | rome | 0.13 |

| 106 | lausen Hen | san jose | 0.12 |

| 107 | rose willy | | 0.17 |

| 108 | lausen hen | itly | 0.17 |

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

8 rows in set (0.00 sec)

**9)write a sql statement that display all the the information sort the output in descending order on salesman\_id.**

mysql> select\*from salesman order by salesman\_id desc;

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

| salesman\_id | name | city | comission |

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

| 108 | lausen hen | itly | 0.17 |

| 107 | rose willy | | 0.17 |

| 106 | lausen Hen | san jose | 0.12 |

| 105 | paul Adam | rome | 0.13 |

| 104 | Mc lyon | paris | 0.11 |

| 103 | Pit Alex | London | 0.14 |

| 102 | Nail Knite | paris | 0.13 |

| 101 | james Hoog | new york | 0.15 |

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

8 rows in set (0.00 sec)

10) **write a sql statement that display all the the information who live in the city of’san jose’ AND ‘paris’ sort the output in the descending order by salesman\_id.**

mysql> select\*from salesman

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

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

| salesman\_id | name | city | comission |

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

| 106 | lausen Hen | san jose | 0.12 |

| 104 | Mc lyon | paris | 0.11 |

| 102 | Nail Knite | paris | 0.13 |

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

3 rows in set (0.00 sec)

**11) write a sql query to locate who live in the city of ‘san jose’ AND ‘paris’ sort the output in the ascending order on salesman\_id.**

mysql> select\*from salesman

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

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

| salesman\_id | name | city | comission |

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

| 102 | Nail Knite | paris | 0.13 |

| 104 | Mc lyon | paris | 0.11 |

| 106 | lausen Hen | san jose | 0.12 |

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

3 rows in set (0.00 sec)

**12)write a sql statement 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 name desc;

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

| salesman\_id | name | city | comission |

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

| 102 | Nail Knite | paris | 0.13 |

| 104 | Mc lyon | paris | 0.11 |

| 106 | lausen Hen | san jose | 0.12 |

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

3 rows in set (0.00 sec)

**13) write a sql query to locate who live in the city of ‘rome’ AND ‘london’ sort the output in the ascending order on salesman\_id.**

mysql> select\* from salesman

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

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

| salesman\_id | name | city | comission |

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

| 103 | Pit Alex | London | 0.14 |

| 105 | paul Adam | rome | 0.13 |

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

2 rows in set (0.00 sec)

**14)write a sql query to locate who live in the city of ‘New york’ AND ‘London’ sort the output in the ascending order on city.**

mysql> select\* from salesman where city in('new york','london')order by city asc;

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

| salesman\_id | name | city | comission |

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

| 103 | Pit Alex | London | 0.14 |

| 101 | james Hoog | new york | 0.15 |

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

2 rows 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

comission asc;

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

| salesman\_id | name | city | comission |

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

| 105 | paul Adam | rome | 0.13 |

| 101 | 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 commission ,city for all salesperson having commission 0.13.**

mysql> select name,comission,city from salesman having comission=0.13;

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

| name | comission | city |

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

| Nail Knite | 0.13 | paris |

| paul Adam | 0.13 | rome |

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

2 rows in set (0.01 sec)

**17) write a sql statement to display specific columns such as names and commission for all salespeople having commission greater than 0.12.**

mysql> select name, comission

-> from salesman

-> having comission>0.12;

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

| name | comission |

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

| james Hoog | 0.15 |

| Nail Knite | 0.13 |

| Pit Alex | 0.14 |

| paul Adam | 0.13 |

| rose willy | 0.17 |

| lausen hen | 0.17 |

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

6 rows in set (0.01 sec)

**18) write a sql statement to display all salespeople having commission greater than 0.12.**

mysql> select\*from salesman having comission>0.12;

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

| salesman\_id | name | city | comission |

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

| 101 | james Hoog | new york | 0.15 |

| 102 | Nail Knite | paris | 0.13 |

| 103 | Pit Alex | London | 0.14 |

| 105 | paul Adam | rome | 0.13 |

| 107 | rose willy | | 0.17 |

| 108 | lausen hen | itly | 0.17 |

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

6 rows in set (0.00 sec)

**19) write a sql statement to display all information salespeople having city null.**

mysql> select\* from salesman where city='';

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

| salesman\_id | name | city | comission |

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

| 107 | rose willy | | 0.17 |

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

1 row in set (0.00 sec)

**20) write a sql statement to display all the information salespeople having commmsission null.**

mysql> select\* from salesman where comission=null;

Empty set (0.00 sec)