```
Mysql Queries:-

MariaDB [(none)]> create database avni_terminal;
Query OK, 1 row affected (0.000 sec)

MariaDB [(none)]> show databases;
+----------------------+
| Database             |
+----------------------+
| Admin_Panel          |
| Avni                 |
| Avni _EmployeeDetail |
| Avni_ECommerce       |
| avani_ecommerce      |
| avni_terminal        |
| information_schema   |
| mysql                |
| performance_schema   |
| phpmyadmin           |
| rjwatch              |
| test                 |
+----------------------+
12 rows in set (0.000 sec)

MariaDB [(none)]> use avni_terminal;
Database changed

MariaDB [avni_terminal]> create table student(s_id INT NOT NULL AUTO_INCREMENT,
    ->  s_name VARCHAR(50) NOT NULL,
    ->  s_email VARCHAR(50) NOT NULL,
    -> s_pwd VARCHAR(10) NOT NULL,
    -> PRIMARY KEY(s_id));
Query OK, 0 rows affected (0.010 sec)

MariaDB [avni_terminal]> show tables;
+-------------------------+
| Tables_in_avni_terminal |
+-------------------------+
| student                 |
+-------------------------+
1 row in set (0.001 sec)

MariaDB [avni_terminal]> Insert into student
values(1,'Avni','avani@gmail.com','avani123');
Query OK, 1 row affected (0.004 sec)

MariaDB [avni_terminal]> Insert into student
values(2,'Riya','riya@gmail.com','riya123');
Query OK, 1 row affected (0.003 sec)

MariaDB [avni_terminal]> Insert into student
values(3,'Anjani','anjani@gmail.com','anjani123');
Query OK, 1 row affected (0.004 sec)

MariaDB [avni_terminal]> Insert into student
values(4,'Kajal','kajal@gmail.com','kajal123');
Query OK, 1 row affected (0.004 sec)

MariaDB [avni_terminal]> Insert into student
values(5,'Shriya','shriya@gmail.com','shriya123');
Query OK, 1 row affected (0.004 sec)

MariaDB [avni_terminal]> select * from student;
+------+--------+------------------+-----------+
```

```
| s_id | s_name | s_email           | s_pwd      |
+------+--------+-------------------+-----------+
|    1 | Avni   | avani@gmail.com   | avani123  |
|    2 | Riya   | riya@gmail.com    | riya123   |
|    3 | Anjani | anjani@gmail.com  | anjani123 |
|    4 | Kajal  | kajal@gmail.com   | kajal123  |
|    5 | Shriya | shriya@gmail.com  | shriya123 |
+------+--------+-------------------+-----------+
5 rows in set (0.001 sec)

MariaDB [avni_terminal]> select * from student where s_name='Avni';
+------+--------+-------------------+-----------+
| s_id | s_name | s_email           | s_pwd     |
+------+--------+-------------------+-----------+
|    1 | Avni   | avani@gmail.com   | avani123  |
+------+--------+-------------------+-----------+
1 row in set (0.001 sec)

MariaDB [avni_terminal]> create table customer(c_id INT NOT NULL AUTO_INCREMENT,
c_name VARCHAR(50) NOT NULL, c_contactno INT(10) NOT NULL, c_address
VARCHAR(100) NOT NULL,c_city VARCHAR(50), c_pincode BIGINT(20), c_counry
VARCHAR(50), PRIMARY KEY(c_id));
Query OK, 0 rows affected (0.013 sec)

MariaDB [avni_terminal]> INSERT INTO customer VALUES (1,'Avni','978987898' ,'305
- 14th Ave. S. Suite 3B', 'Ahmedabad', '360098', 'India');
Query OK, 1 row affected (0.003 sec)

MariaDB [avni_terminal]> INSERT INTO customer VALUES
(2,'Anjani','978987890' ,'Keskuskatu 45', 'Ahmedabad', '360898', 'India');
Query OK, 1 row affected (0.003 sec)

MariaDB [avni_terminal]> INSERT INTO customer VALUES
(3,'Shriya','978978890' ,'ul. Filtrowa 68', 'Sidani', '388898', 'Australia');
Query OK, 1 row affected (0.003 sec)

MariaDB [avni_terminal]> INSERT INTO customer VALUES
(4,'Kajal','908978890' ,'ul. Filtrowa 69', 'Bergen', '311898', 'Norway');
Query OK, 1 row affected (0.003 sec)

MariaDB [avni_terminal]> INSERT INTO customer VALUES
(5,'Riya','908971190' ,'Skagen 21', 'Mumbai', '300898', 'India');
Query OK, 1 row affected (0.002 sec)

MariaDB [avni_terminal]> select * from customer;
+------+--------+-------------+---------------------------+-----------
+-----------+-----------+
| c_id | c_name | c_contactno | c_address                 | c_city    |
c_pincode | c_counry  |
+------+--------+-------------+---------------------------+-----------
+-----------+-----------+
|    1 | Avni   |   978987898 | 305 - 14th Ave. S. Suite 3B | Ahmedabad |
360098 | India     |
|    2 | Anjani |   978987890 | Keskuskatu 45             | Ahmedabad |
360898 | India     |
|    3 | Shriya |   978978890 | ul. Filtrowa 68           | Sidani    |
388898 | Australia |
|    4 | Kajal  |   908978890 | ul. Filtrowa 69           | Bergen    |
311898 | Norway    |
|    5 | Riya   |   908971190 | Skagen 21                 | Mumbai    |
300898 | India     |
+------+--------+-------------+---------------------------+-----------
+-----------+-----------+
5 rows in set (0.002 sec)
```

```
MariaDB [avni_terminal]> select * from customer where c_city='Mumbai';
+------+--------+------------+-----------+--------+-----------+----------+
| c_id | c_name | c_contactno | c_address | c_city | c_pincode | c_counry |
+------+--------+------------+-----------+--------+-----------+----------+
|    5 | Riya   |  908971190 | Skagen 21 | Mumbai |    300898 | India    |
+------+--------+------------+-----------+--------+-----------+----------+
1 row in set (0.001 sec)

MariaDB [avni_terminal]> select * from customer where c_city='Mumbai' AND
c_counry='India';
+------+--------+------------+-----------+--------+-----------+----------+
| c_id | c_name | c_contactno | c_address | c_city | c_pincode | c_counry |
+------+--------+------------+-----------+--------+-----------+----------+
|    5 | Riya   |  908971190 | Skagen 21 | Mumbai |    300898 | India    |
+------+--------+------------+-----------+--------+-----------+----------+
1 row in set (0.001 sec)

MariaDB [avni_terminal]> select * from customer where c_city='Mumbai' OR
c_counry='Norway';
+------+--------+------------+----------------+--------+-----------+---------
+
| c_id | c_name | c_contactno | c_address      | c_city | c_pincode | c_counry
|
+------+--------+------------+----------------+--------+-----------+---------
+
|    4 | Kajal  |  908978890 | ul. Filtrowa 69 | Bergen |    311898 | Norway
|
|    5 | Riya   |  908971190 | Skagen 21      | Mumbai |    300898 | India
|
+------+--------+------------+----------------+--------+-----------+---------
+
2 rows in set (0.000 sec)

MariaDB [avni_terminal]> select * from customer where NOT  c_counry='India';
+------+--------+------------+----------------+--------+-----------
+-----------+
| c_id | c_name | c_contactno | c_address      | c_city | c_pincode | c_counry
|
+------+--------+------------+----------------+--------+-----------
+-----------+
|    3 | Shriya |  978978890 | ul. Filtrowa 68 | Sidani |    388898 | Australia
|
|    4 | Kajal  |  908978890 | ul. Filtrowa 69 | Bergen |    311898 | Norway
|
+------+--------+------------+----------------+--------+-----------
+-----------+
2 rows in set (0.001 sec)

MariaDB [avni_terminal]> select * from customer ORDER BY c_city;
+------+--------+------------+---------------------------+----------
+-----------+-----------+
| c_id | c_name | c_contactno | c_address                 | c_city    |
c_pincode | c_counry  |
+------+--------+------------+---------------------------+----------
+-----------+-----------+
|    1 | Avni   |  978987898 | 305 - 14th Ave. S. Suite 3B | Ahmedabad |
360098 | India     |
|    2 | Anjani |  978987890 | Keskuskatu 45             | Ahmedabad |
360898 | India     |
|    4 | Kajal  |  908978890 | ul. Filtrowa 69           | Bergen    |
311898 | Norway    |
|    5 | Riya   |  908971190 | Skagen 21                 | Mumbai    |
300898 | India     |
```

```
|    3 | Shriya |   978978890 | ul. Filtrowa 68              | Sidani    |
388898 | Australia |
+------+--------+-------------+---------------------------+----------
+-----------+-----------+
5 rows in set (0.001 sec)

MariaDB [avni_terminal]> select * from customer ORDER BY c_city DESC;
+------+--------+-------------+---------------------------+----------
+-----------+-----------+
| c_id | c_name | c_contactno | c_address                 | c_city    |
c_pincode | c_counry  |
+------+--------+-------------+---------------------------+----------
+-----------+-----------+
|    3 | Shriya |   978978890 | ul. Filtrowa 68              | Sidani    |
388898 | Australia |
|    5 | Riya   |   908971190 | Skagen 21                   | Mumbai    |
300898 | India     |
|    4 | Kajal  |   908978890 | ul. Filtrowa 69              | Bergen    |
311898 | Norway    |
|    1 | Avni   |   978987898 | 305 - 14th Ave. S. Suite 3B | Ahmedabad |
360098 | India     |
|    2 | Anjani |   978987890 | Keskuskatu 45               | Ahmedabad |
360898 | India     |
+------+--------+-------------+---------------------------+----------
+-----------+-----------+
5 rows in set (0.001 sec)

MariaDB [avni_terminal]> select * from customer ORDER BY c_name,c_city ;
+------+--------+-------------+---------------------------+----------
+-----------+-----------+
| c_id | c_name | c_contactno | c_address                 | c_city    |
c_pincode | c_counry  |
+------+--------+-------------+---------------------------+----------
+-----------+-----------+
|    2 | Anjani |   978987890 | Keskuskatu 45               | Ahmedabad |
360898 | India     |
|    1 | Avni   |   978987898 | 305 - 14th Ave. S. Suite 3B | Ahmedabad |
360098 | India     |
|    4 | Kajal  |   908978890 | ul. Filtrowa 69              | Bergen    |
311898 | Norway    |
|    5 | Riya   |   908971190 | Skagen 21                   | Mumbai    |
300898 | India     |
|    3 | Shriya |   978978890 | ul. Filtrowa 68              | Sidani    |
388898 | Australia |
+------+--------+-------------+---------------------------+----------
+-----------+-----------+
5 rows in set (0.001 sec)

MariaDB [avni_terminal]> update customer set c_address="Avda. de la Constitución
2222" where c_id=3;
Query OK, 1 row affected (0.003 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [avni_terminal]> select * from customer;
+------+--------+-------------+-----------------------------+----------
+-----------+-----------+
| c_id | c_name | c_contactno | c_address                   | c_city    |
c_pincode | c_counry  |
+------+--------+-------------+-----------------------------+----------
+-----------+-----------+
|    1 | Avni   |   978987898 | 305 - 14th Ave. S. Suite 3B    | Ahmedabad |
360098 | India     |
|    2 | Anjani |   978987890 | Keskuskatu 45                  | Ahmedabad |
360898 | India     |
```

```
|    3 | Shriya |   978978890 | Avda. de la Constitución 2222  | Sidani    |
388898 | Australia |
|    4 | Kajal  |   908978890 | ul. Filtrowa 69                | Bergen    |
311898 | Norway    |
|    5 | Riya   |   908971190 | Skagen 21                      | Mumbai    |
300898 | India     |
+------+--------+-------------+--------------------------------+----------
+-----------+-----------+
5 rows in set (0.001 sec)

MariaDB [avni_terminal]> Delete from customer where c_id=5;
Query OK, 1 row affected (0.002 sec)

MariaDB [avni_terminal]> select * from customer;
+------+--------+-------------+--------------------------------+----------
+-----------+-----------+
| c_id | c_name | c_contactno | c_address                      | c_city    |
c_pincode | c_counry  |
+------+--------+-------------+--------------------------------+----------
+-----------+-----------+
|    1 | Avni   |   978987898 | 305 - 14th Ave. S. Suite 3B    | Ahmedabad |
360098 | India     |
|    2 | Anjani |   978987890 | Keskuskatu 45                  | Ahmedabad |
360898 | India     |
|    3 | Shriya |   978978890 | Avda. de la Constitución 2222  | Sidani    |
388898 | Australia |
|    4 | Kajal  |   908978890 | ul. Filtrowa 69                | Bergen    |
311898 | Norway    |
+------+--------+-------------+--------------------------------+----------
+-----------+-----------+
4 rows in set (0.001 sec)

MariaDB [avni_terminal]> select * from customer LIMIT 3;
+------+--------+-------------+--------------------------------+----------
+-----------+-----------+
| c_id | c_name | c_contactno | c_address                      | c_city    |
c_pincode | c_counry  |
+------+--------+-------------+--------------------------------+----------
+-----------+-----------+
|    1 | Avni   |   978987898 | 305 - 14th Ave. S. Suite 3B    | Ahmedabad |
360098 | India     |
|    2 | Anjani |   978987890 | Keskuskatu 45                  | Ahmedabad |
360898 | India     |
|    3 | Shriya |   978978890 | Avda. de la Constitución 2222  | Sidani    |
388898 | Australia |
+------+--------+-------------+--------------------------------+----------
+-----------+-----------+
3 rows in set (0.001 sec)

MariaDB [avni_terminal]> ALTER TABLE customer ADD bill_amount BIGINT(10) NOT
NULL AFTER c_counry;
Query OK, 0 rows affected (0.004 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [avni_terminal]> select * from customer;
+------+--------+-------------+--------------------------------+----------
+-----------+-----------+-------------+
| c_id | c_name | c_contactno | c_address                      | c_city    |
c_pincode | c_counry  | bill_amount |
+------+--------+-------------+--------------------------------+----------
+-----------+-----------+-------------+
|    1 | Avni   |   978987898 | 305 - 14th Ave. S. Suite 3B    | Ahmedabad |
360098 | India     |           0 |
|    2 | Anjani |   978987890 | Keskuskatu 45                  | Ahmedabad |
```

```
360898 | India     |            0 |
|    3 | Shriya |   978978890 | Avda. de la Constitución 2222  | Sidani    |
388898 | Australia |            0 |
|    4 | Kajal  |   908978890 | ul. Filtrowa 69                | Bergen    |
311898 | Norway    |            0 |
+------+--------+-------------+--------------------------------+----------
+-----------+-----------+-------------+
4 rows in set (0.001 sec)

MariaDB [avni_terminal]> ALTER TABLE customer ADD bill_amount BIGINT(10) NOT
NULL AFTER c_counry;
Query OK, 0 rows affected (0.004 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [avni_terminal]> select * from customer;
+------+--------+-------------+--------------------------------+----------
+-----------+-----------+-------------+
| c_id | c_name | c_contactno | c_address                      | c_city    |
c_pincode | c_counry  | bill_amount |
+------+--------+-------------+--------------------------------+----------
+-----------+-----------+-------------+
|    1 | Avni   |   978987898 | 305 - 14th Ave. S. Suite 3B    | Ahmedabad |
360098 | India     |            0 |
|    2 | Anjani |   978987890 | Keskuskatu 45                  | Ahmedabad |
360898 | India     |            0 |
|    3 | Shriya |   978978890 | Avda. de la Constitución 2222  | Sidani    |
388898 | Australia |            0 |
|    4 | Kajal  |   908978890 | ul. Filtrowa 69                | Bergen    |
311898 | Norway    |            0 |
+------+--------+-------------+--------------------------------+----------
+-----------+-----------+-------------+
4 rows in set (0.001 sec)

MariaDB [avni_terminal]> Update customer set bill_amount=20000 where c_id=1;
Query OK, 1 row affected (0.003 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [avni_terminal]> select * from customer;
+------+--------+-------------+--------------------------------+----------
+-----------+-----------+-------------+
| c_id | c_name | c_contactno | c_address                      | c_city    |
c_pincode | c_counry  | bill_amount |
+------+--------+-------------+--------------------------------+----------
+-----------+-----------+-------------+
|    1 | Avni   |   978987898 | 305 - 14th Ave. S. Suite 3B    | Ahmedabad |
360098 | India     |        20000 |
|    2 | Anjani |   978987890 | Keskuskatu 45                  | Ahmedabad |
360898 | India     |        22000 |
|    3 | Shriya |   978978890 | Avda. de la Constitución 2222  | Sidani    |
388898 | Australia |        30000 |
|    4 | Kajal  |   908978890 | ul. Filtrowa 69                | Bergen    |
311898 | Norway    |        35000 |
+------+--------+-------------+--------------------------------+----------
+-----------+-----------+-------------+
4 rows in set (0.001 sec)

MariaDB [avni_terminal]> select MAX(bill_amount) from customer;
+-----------------+
| MAX(bill_amount) |
+-----------------+
|           35000 |
+-----------------+
1 row in set (0.001 sec)
```

```
MariaDB [avni_terminal]> select MIN(bill_amount) from customer;
+------------------+
| MIN(bill_amount) |
+------------------+
|            20000 |
+------------------+
1 row in set (0.001 sec)

MariaDB [avni_terminal]> select COUNT(c_id) from customer;
+-------------+
| COUNT(c_id) |
+-------------+
|           4 |
+-------------+
1 row in set (0.001 sec)

MariaDB [avni_terminal]> select AVG(bill_amount) from customer;
+------------------+
| AVG(bill_amount) |
+------------------+
|       26750.0000 |
+------------------+
1 row in set (0.001 sec)

MariaDB [avni_terminal]> select SUM(bill_amount) from customer;
+------------------+
| SUM(bill_amount) |
+------------------+
|           107000 |
+------------------+
1 row in set (0.001 sec)

MariaDB [avni_terminal]> select * from customer where c_name LIKE 'a%';
+------+--------+-------------+----------------------------+-----------
-----------+----------+-------------+
| c_id | c_name | c_contactno | c_address                  | c_city    |
c_pincode | c_counry | bill_amount |
+------+--------+-------------+----------------------------+-----------
-----------+----------+-------------+
|    1 | Avni   |   978987898 | 305 - 14th Ave. S. Suite 3B | Ahmedabad |
360098 | India    |       20000 |
|    2 | Anjani |   978987890 | Keskuskatu 45               | Ahmedabad |
360898 | India    |       22000 |
+------+--------+-------------+----------------------------+-----------
-----------+----------+-------------+
2 rows in set (0.001 sec)

MariaDB [avni_terminal]> select * from customer where c_name LIKE '%n%';
+------+--------+-------------+----------------------------+-----------
-----------+----------+-------------+
| c_id | c_name | c_contactno | c_address                  | c_city    |
c_pincode | c_counry | bill_amount |
+------+--------+-------------+----------------------------+-----------
-----------+----------+-------------+
|    1 | Avni   |   978987898 | 305 - 14th Ave. S. Suite 3B | Ahmedabad |
360098 | India    |       20000 |
|    2 | Anjani |   978987890 | Keskuskatu 45               | Ahmedabad |
360898 | India    |       22000 |
+------+--------+-------------+----------------------------+-----------
-----------+----------+-------------+
2 rows in set (0.001 sec)

MariaDB [avni_terminal]> select * from customer where c_counry LIKE 'I_d_a';
+------+--------+-------------+----------------------------+-----------
```

```
+------+--------+------------+----------------------------+-----------+
| c_id | c_name | c_contactno | c_address                 | c_city    |
c_pincode | c_counry | bill_amount |
+------+--------+------------+----------------------------+-----------+
-----------+----------+-------------+
|    1 | Avni   |  978987898 | 305 - 14th Ave. S. Suite 3B | Ahmedabad |
360098 | India    |      20000 |
|    2 | Anjani |  978987890 | Keskuskatu 45              | Ahmedabad |
360898 | India    |      22000 |
+------+--------+------------+----------------------------+-----------+
-----------+----------+-------------+
2 rows in set (0.001 sec)

MariaDB [avni_terminal]> select * from customer where c_city IN
('Ahmedabad','Sidani');
+------+--------+------------+----------------------------+-----------+
-----------+----------+-------------+
| c_id | c_name | c_contactno | c_address                 | c_city    |
c_pincode | c_counry | bill_amount |
+------+--------+------------+----------------------------+-----------+
-----------+----------+-------------+
|    1 | Avni   |  978987898 | 305 - 14th Ave. S. Suite 3B | Ahmedabad |
360098 | India    |      20000 |
|    2 | Anjani |  978987890 | Keskuskatu 45              | Ahmedabad |
360898 | India    |      22000 |
|    3 | Shriya |  978978890 | Avda. de la Constitución 2222 | Sidani |
388898 | Australia |      30000 |
+------+--------+------------+----------------------------+-----------+
-----------+----------+-------------+
3 rows in set (0.001 sec)

MariaDB [avni_terminal]> select * from customer where c_city NOT IN ('rajkot');
+------+--------+------------+----------------------------+-----------+
-----------+----------+-------------+
| c_id | c_name | c_contactno | c_address                 | c_city    |
c_pincode | c_counry | bill_amount |
+------+--------+------------+----------------------------+-----------+
-----------+----------+-------------+
|    1 | Avni   |  978987898 | 305 - 14th Ave. S. Suite 3B | Ahmedabad |
360098 | India    |      20000 |
|    2 | Anjani |  978987890 | Keskuskatu 45              | Ahmedabad |
360898 | India    |      22000 |
|    3 | Shriya |  978978890 | Avda. de la Constitución 2222 | Sidani |
388898 | Australia |      30000 |
|    4 | Kajal  |  908978890 | ul. Filtrowa 69            | Bergen    |
311898 | Norway   |      35000 |
+------+--------+------------+----------------------------+-----------+
-----------+----------+-------------+
4 rows in set (0.001 sec)

MariaDB [avni_terminal]> select * from customer where bill_amount BETWEEN
'22000' AND '30000';
+------+--------+------------+----------------------------+-----------+
-----------+----------+-------------+
| c_id | c_name | c_contactno | c_address                 | c_city    |
c_pincode | c_counry | bill_amount |
+------+--------+------------+----------------------------+-----------+
-----------+----------+-------------+
|    2 | Anjani |  978987890 | Keskuskatu 45              | Ahmedabad |
360898 | India    |      22000 |
|    3 | Shriya |  978978890 | Avda. de la Constitución 2222 | Sidani |
388898 | Australia |      30000 |
+------+--------+------------+----------------------------+-----------+
-----------+----------+-------------+
```

2 rows in set (0.001 sec)

MariaDB [avni_terminal]> select * from customer where bill_amount NOT BETWEEN '22000' AND '30000';
+------+--------+-------------+----------------------------+-----------+----------+----------+-------------+
| c_id | c_name | c_contactno | c_address | c_city | c_pincode | c_counry | bill_amount |
+------+--------+-------------+----------------------------+-----------+----------+----------+-------------+
| 1 | Avni | 978987898 | 305 - 14th Ave. S. Suite 3B | Ahmedabad | 360098 | India | 20000 |
| 4 | Kajal | 908978890 | ul. Filtrowa 69 | Bergen | 311898 | Norway | 35000 |
+------+--------+-------------+----------------------------+-----------+----------+----------+-------------+
2 rows in set (0.001 sec)