MariaDB [(none)]> use exam

Database changed

MariaDB [exam]> create table worker(W\_ID INT,FIRST\_NAME VARCHAR(30),LAST\_NAME VARCHAR(30),SALARY INT,JOINING\_DATE varchar(10),DEPARTMENT VARCHAR(30));

Query OK, 0 rows affected (0.019 sec)

MariaDB [exam]> insert into worker value(001,'rock','david',20000,'2 march 2020','mech');

Query OK, 1 row affected, 1 warning (0.009 sec)

MariaDB [exam]> insert into worker value(002,'ram','varma',30000,'4 march 2008','mech');

Query OK, 1 row affected, 1 warning (0.003 sec)

MariaDB [exam]> insert into worker value(003,'sugu','kp',25000,'2 july 2007','civil');

Query OK, 1 row affected, 1 warning (0.004 sec)

MariaDB [exam]> insert into worker value(004,'victor','rp',27000,'4 july 2007','civil');

Query OK, 1 row affected, 1 warning (0.004 sec)

MariaDB [exam]> SELECT\*FROM WORKER;

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

| W\_ID | FIRST\_NAME | LAST\_NAME | SALARY | JOINING\_DATE | DEPARTMENT |

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

| 1 | rock | david | 20000 | 2 march 20 | mech |

| 2 | ram | varma | 30000 | 4 march 20 | mech |

| 3 | sugu | kp | 25000 | 2 july 200 | civil |

| 4 | victor | rp | 27000 | 4 july 200 | civil |

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

4 rows in set (0.001 sec)

CREATING TABLE BONUS

create table bonus(bonus\_id int,W\_id int,bonus\_date Varchar(30),bonus\_amount varchar(10));

Query OK, 0 rows affected (0.019 sec)

MariaDB [exam]> insert into bonus value(001,001,'30 april 2025',1000);

Query OK, 1 row affected (0.005 sec)

MariaDB [exam]> insert into bonus value(002,002,'31 april 2025',1000);

Query OK, 1 row affected (0.004 sec)

MariaDB [exam]> insert into bonus value(003,003,'30 june 2025',1000);

Query OK, 1 row affected (0.003 sec)

MariaDB [exam]> insert into bonus value(004,004,'30 july 2025',1000);

MariaDB [exam]> SELECT \*FROM BONUS;

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

| bonus\_id | W\_id | bonus\_date | bonus\_amount |

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

| 1 | 1 | 30 april 2025 | 1000 |

| 2 | 2 | 31 april 2025 | 1000 |

| 3 | 3 | 30 june 2025 | 1000 |

| 4 | 4 | 30 july 2025 | 1000 |

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

4 rows in set (0.001 sec)

1. MariaDB [exam]> selecT FIRST\_NAME AS WORKER\_NAME FROM WORKER;

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

| WORKER\_NAME |

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

| rock |

| ram |

| sugu |

| victor |

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

2. MariaDB [exam]> SELECT DISTINCT DEPARTMENT FROM WORKER;

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

| DEPARTMENT |

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

| mech |

| civil |

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

3. MariaDB [exam]> SELECT UPPER(FIRST\_NAME)FROM WORKER;

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

| UPPER(FIRST\_NAME) |

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

| ROCK |

| RAM |

| SUGU |

| VICTOR |

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

5.

MariaDB [exam]> SELECT \*FROM WORKER LIMIT 2;

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

| W\_ID | FIRST\_NAME | LAST\_NAME | SALARY | JOINING\_DATE | DEPARTMENT |

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

| 1 | rock | david | 20000 | 2 march 20 | mech |

| 2 | ram | varma | 30000 | 4 march 20 | mech |

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

2 rows in set (0.001 sec)

4.

MariaDB [exam]> SELECT NOW() AS CURRENTDATE;

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

| CURRENTDATE |

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

| 2025-08-11 13:26:25 |

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

1 row in set (0.008 sec)

7. MariaDB [exam]> SELECT COUNT(FIRST\_NAME)FROM WORKER;

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

| COUNT(FIRST\_NAME) |

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

| 4 |

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

8.

MariaDB [exam]> SELECT \* FROM WORKER WHERE SALARY>10000 AND SALARY<27000;

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

| W\_ID | FIRST\_NAME | LAST\_NAME | SALARY | JOINING\_DATE | DEPARTMENT |

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

| 1 | rock | david | 20000 | 2 march 20 | mech |

| 3 | sugu | kp | 25000 | 2 july 200 | civil |

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

2 rows in set (0.002 sec)

9.

SELECT \* FROM WORKER ORDER BY FIRST\_NAME ASC;

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

| W\_ID | FIRST\_NAME | LAST\_NAME | SALARY | JOINING\_DATE | DEPARTMENT |

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

| 2 | ram | varma | 30000 | 4 march 20 | mech |

| 1 | rock | david | 20000 | 2 march 20 | mech |

| 3 | sugu | kp | 25000 | 2 july 200 | civil |

| 4 | victor | rp | 27000 | 4 july 200 | civil |

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

4 rows in set (0.001 sec)

12

MariaDB [exam]> SELECT FIRST\_NAME,MAX(SALARY) AS SALARY FROM WORKER;

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

| FIRST\_NAME | SALARY |

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

| rock | 30000 |

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

1 r0ow in set (0.002 sec)

11.

MariaDB [exam]> SELECT DEPARTMENT,SUM(SALARY)FROM WORKER GROUP BY DEPARTMENT;

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

| DEPARTMENT | SUM(SALARY) |

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

| civil | 52000 |

| mech | 50000 |

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

2 rows in set (0.002 sec)

12

MariaDB [exam]> SELECT FIRST\_NAME,MAX(SALARY) AS SALARY FROM WORKER;

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

| FIRST\_NAME | SALARY |

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

| rock | 30000 |

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

1 row in set (0.002 sec)