**Name : Kashid Raj Shivaji**

**Roll No: 13215**

**TE ‘B’**

**Practical No: 4**

**Enter password: \*\*\*\***

**Welcome to the MySQL monitor. Commands end with ; or \g.**

**Your MySQL connection id is 11**

**Server version: 8.0.30 MySQL Community Server - GPL**

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**owners.**

**Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.**

**mysql> show databases;**

**+--------------------+**

**| Database |**

**+--------------------+**

**| employee |**

**| information\_schema |**

**| mysql |**

**| performance\_schema |**

**| sakila |**

**| school |**

**| student |**

**| sys |**

**| world |**

**+--------------------+**

**09 rows in set (0.00 sec)**

**mysql> create database customer;**

**Query OK, 1 row affected (0.00 sec)**

**mysql> show databases;**

**+--------------------+**

**| Database |**

**+--------------------+**

**| customer |**

**| employee |**

**| information\_schema |**

**| mysql |**

**| performance\_schema |**

**| sakila |**

**| school |**

**| student |**

**| sys |**

**| world |**

**+--------------------+**

**10 rows in set (0.00 sec)**

**mysql> use customer;**

**Database changed**

**mysql> create table cust\_tab(id int(4),name varchar(20),quantity int(4),price int(10),item varchar(20));**

**Query OK, 0 rows affected, 4 warnings (0.01 sec)**

**mysql> show tables;**

**+--------------------+**

**| Tables\_in\_customer |**

**+--------------------+**

**| cust\_tab |**

**+--------------------+**

**2 rows in set (0.00 sec)**

**mysql> create table cust\_info(id int(4),name varchar(20),address varchar(20),mobile varchar(20));**

**Query OK, 0 rows affected, 1 warning (0.01 sec)**

**mysql>desc cust\_tab;**

**+----------+-------------+------+-----+---------+-------+**

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

**+----------+-------------+------+-----+---------+-------+**

**| id | int | YES | | NULL | |**

**| name | varchar(20) | YES | | NULL | |**

**| item | int | YES | | NULL | |**

**| quantity | int | YES | | NULL | |**

**| price | int | YES | | NULL | |**

**+----------+-------------+------+-----+---------+-------+**

**5 rows in set (0.00 sec)**

**mysql> desc cust\_info;**

**+---------+-------------+------+-----+---------+-------+**

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

**+---------+-------------+------+-----+---------+-------+**

**| id | int | YES | | NULL | |**

**| name | varchar(20) | YES | | NULL | |**

**| address | varchar(20) | YES | | NULL | |**

**| mobile | varchar(20) | YES | | NULL | |**

**+---------+-------------+------+-----+---------+-------+**

**4 rows in set (0.00 sec)**

**mysql> alter table cust\_tab add primary key(id);**

**Query OK, 0 rows affected (0.02 sec)**

**Records: 0 Duplicates: 0 Warnings: 0**

**mysql> alter table cust\_info add foreign key(id) references cust\_tab(id);**

**Query OK, 0 rows affected (0.03 sec)**

**Records: 0 Duplicates: 0 Warnings: 0**

**mysql> insert into cust\_tab values(1,'Ram',1,15,'Milk');**

**Query OK, 1 row affected (0.00 sec)**

**mysql> insert into cust\_tab values(2,'Soham',2,20,'Toast');**

**Query OK, 1 row affected (0.00 sec)**

**mysql> insert into cust\_tab values(3,'Mohan',4,5,'Parle-G');**

**Query OK, 1 row affected (0.00 sec)**

**mysql> insert into cust\_tab values(4,'Om',2,20,'Coca Cola');**

**Query OK, 1 row affected (0.00 sec)**

**mysql> select \* from cust\_tab;**

**+----+-------+----------+-------+-----------+**

**| id | name | quantity | price | item |**

**+----+-------+----------+-------+-----------+**

**| 1 | Ram | 1 | 15 | Milk |**

**| 2 | Soham | 2 | 20 | Toast |**

**| 3 | Mohan | 4 | 5 | Parle-G |**

**| 4 | Om | 2 | 20 | Coca Cola |**

**+----+-------+----------+-------+-----------+**

**4 rows in set (0.00 sec)**

**mysql> alter table cust\_tab add TotalPrice int(4);**

**Query OK, 0 rows affected, 1 warning (0.01 sec)**

**Records: 0 Duplicates: 0 Warnings: 1**

**mysql> update cust\_tab set TotalPrice=quantity\*price where id=1;**

**Query OK, 1 row affected (0.00 sec)**

**Rows matched: 1 Changed: 1 Warnings: 0**

**mysql> update cust\_tab set TotalPrice=quantity\*price where id=2;**

**Query OK, 1 row affected (0.00 sec)**

**Rows matched: 1 Changed: 1 Warnings: 0**

**mysql> update cust\_tab set TotalPrice=quantity\*price where id=3;**

**Query OK, 1 row affected (0.00 sec)**

**Rows matched: 1 Changed: 1 Warnings: 0**

**mysql> update cust\_tab set TotalPrice=quantity\*price where id=4;**

**Query OK, 1 row affected (0.00 sec)**

**Rows matched: 1 Changed: 1 Warnings: 0**

**mysql> select \* from cust\_tab;**

**+----+-------+----------+-------+-----------+------------+**

**| id | name | quantity | price | item | TotalPrice |**

**+----+-------+----------+-------+-----------+------------+**

**| 1 | Ram | 1 | 15 | Milk | 15 |**

**| 2 | Soham | 2 | 20 | Toast | 40 |**

**| 3 | Mohan | 4 | 5 | Parle-G | 20 |**

**| 4 | Om | 2 | 20 | Coca Cola | 40 |**

**+----+-------+----------+-------+-----------+------------+**

**4 rows in set (0.00 sec)**

**mysql> insert into cust\_info values(1,'Ram','Pune','9943569081');**

**Query OK, 1 row affected (0.00 sec)**

**mysql> insert into cust\_info values(2,'Soham','Pune','9978491281');**

**Query OK, 1 row affected (0.00 sec)**

**mysql> insert into cust\_info values(3,'Mohan','Nashik','8782356712');**

**Query OK, 1 row affected (0.00 sec)**

**mysql> insert into cust\_info values(4,'Om','Nagpur','7823450189');**

**Query OK, 1 row affected (0.00 sec)**

**mysql> select \* from cust\_info;**

**+------+-------+---------+------------+**

**| id | name | address | mobile |**

**+------+-------+---------+------------+**

**| 1 | Ram | Pune | 9943569081 |**

**| 2 | Soham | Pune | 9978491281 |**

**| 3 | Mohan | Nashik | 8782356712 |**

**| 4 | Om | Nagpur | 7823450189 |**

**+------+-------+---------+------------+**

**4 rows in set (0.00 sec)**

**mysql> select cust\_tab.id,cust\_tab.name,cust\_tab.item,cust\_info.address from cust\_tab inner join cust\_info on cust\_tab.id=cust\_info.id;**

**+----+-------+-----------+---------+**

**| id | name | item | address |**

**+----+-------+-----------+---------+**

**| 1 | Ram | Milk | Pune |**

**| 2 | Soham | Toast | Pune |**

**| 3 | Mohan | Parle-G | Nashik |**

**| 4 | Om | Coca Cola | Nagpur |**

**+----+-------+-----------+---------+**

**4 rows in set (0.00 sec)**

**mysql> select cust\_tab.id,cust\_tab.name,cust\_tab.item,cust\_info.address from cust\_tab left outer join cust\_info on cust\_tab.id=cust\_info.id;**

**+----+-------+-----------+---------+**

**| id | name | item | address |**

**+----+-------+-----------+---------+**

**| 1 | Ram | Milk | Pune |**

**| 2 | Soham | Toast | Pune |**

**| 3 | Mohan | Parle-G | Nashik |**

**| 4 | Om | Coca Cola | Nagpur |**

**+----+-------+-----------+---------+**

**4 rows in set (0.00 sec)**

**mysql> select cust\_tab.id,cust\_tab.name,cust\_tab.item,cust\_info.address from cust\_tab right outer join cust\_info on cust\_tab.id=cust\_info.id;**

**+------+-------+-----------+---------+**

**| id | name | item | address |**

**+------+-------+-----------+---------+**

**| 1 | Ram | Milk | Pune |**

**| 2 | Soham | Toast | Pune |**

**| 3 | Mohan | Parle-G | Nashik |**

**| 4 | Om | Coca Cola | Nagpur |**

**+------+-------+-----------+---------+**

**4 rows in set (0.00 sec)**

**mysql> create view mul\_view as select cust\_tab.id,cust\_tab.name,cust\_info.address from cust\_tab,cust\_info where cust\_info.id=cust\_tab.id;**

**Query OK, 0 rows affected (0.01 sec)**

**mysql> select \* from mul\_view;**

**+----+-------+---------+**

**| id | name | address |**

**+----+-------+---------+**

**| 1 | Ram | Pune |**

**| 2 | Soham | Pune |**

**| 3 | Mohan | Nashik |**

**| 4 | Om | Nagpur |**

**+----+-------+---------+**

**4 rows in set (0.00 sec)**