

**Que.Creating sample tables and inserting values.create the following tables with the given structures and insert sample data as specified:-**

**Roll no:-84016**

**page1**

```
suyash@vivobook:~$ mysql -u D2_84016_Suyash -psuyash
mysql: [Warning] Using a password on the command line interface can be insecure.
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 9
Server version: 8.0.36-0ubuntu0.22.04.1 (Ubuntu)

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owners.

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

D2_84016_Suyash>show databases;
+-----+
| Database |
+-----+
| information_schema |
| performance_schema |
| pune |
+-----+
3 rows in set (0.00 sec)

D2_84016_Suyash>use pune;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
D2_84016_Suyash>select * from P;
+-----+-----+-----+-----+-----+
| P# | Pname | Color | Weight | City |
+-----+-----+-----+-----+-----+
| P1 | Nut | Red | 12 | London |
| P2 | Bolt | Green | 17 | Paris |
| P3 | Screw | Blue | 17 | Rome |
| P4 | Screw | Red | 14 | London |
| P5 | Cam | Blue | 12 | paris |
| P6 | Cog | Red | 19 | London |
+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)

D2_84016_Suyash>clear
D2_84016_Suyash>;
ERROR:
No query specified
```

```
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that
D2_84016_Suyash>
D2_84016_Suyash> create table SALESPEOPLE(
    -> Snum int(4),
    -> Sname varchar(10),
    -> City varchar(10),
    -> Comm float (3.2));
Query OK, 0 rows affected, 1 warning (0.04 sec)

D2_84016_Suyash>insert into SALESPEOPLE values(1001,'Peel','London',.12);
Query OK, 1 row affected (0.08 sec)

D2_84016_Suyash>insert into SALESPEOPLE values(1002,'Serres','San Jose',.13);
Query OK, 1 row affected (0.00 sec)

D2_84016_Suyash>insert into SALESPEOPLE values(1004,'Motika','London',.11);
Query OK, 1 row affected (0.01 sec)

D2_84016_Suyash>insert into SALESPEOPLE values(1007,'Rifkin','Barcelona',.15);
Query OK, 1 row affected (0.01 sec)

D2_84016_Suyash>insert into SALESPEOPLE values(1003,'Axelrod','New York',10);
Query OK, 1 row affected (0.01 sec)

D2_84016_Suyash>create table CUSTOMERS( Cnum int(4), Cname varchar(10), City varchar(10),
Query OK, 0 rows affected, 3 warnings (0.04 sec)

D2_84016_Suyash>insert into CUSTOMERS values(2001,'Hoffman','London',100,1001);
Query OK, 1 row affected (0.07 sec)

D2_84016_Suyash>insert into CUSTOMERS values(2002,'Giovanni','Rome',200,1003);
Query OK, 1 row affected (0.01 sec)

D2_84016_Suyash>insert into CUSTOMERS values(2003,'Liu','San Jose',200,1002);
Query OK, 1 row affected (0.01 sec)

D2_84016_Suyash>insert into CUSTOMERS values(2004,'Grass','Berlin',300,1002);
Query OK, 1 row affected (0.08 sec)

D2_84016_Suyash>insert into CUSTOMERS values(2006,'Clemens','London',100,1001);
Query OK, 1 row affected (0.07 sec)

D2_84016_Suyash>insert into CUSTOMERS values(2008,'Cisneros','Sab Jose',300,1007);
Query OK, 1 row affected (0.01 sec)

D2_84016_Suyash>insert into CUSTOMERS values(2007,'Pereira','Rome',100,1004);
Query OK, 1 row affected (0.07 sec)
```

```
+-----+-----+-----+-----+
| Snum | Sname   | City      | Comm |
+-----+-----+-----+-----+
| 1001 | Peel    | London    | 0.12 |
| 1002 | Serres  | San Jose  | 0.13 |
| 1004 | Motika  | London    | 0.11 |
| 1007 | Rifkin  | Barcelona | 0.15 |
| 1003 | Axelrod | New York  | 10    |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

D2\_84016\_Suyash>select \* from CUSTOMERS;

```
+-----+-----+-----+-----+-----+
| Cnum | Cname    | City      | Rating | Snum |
+-----+-----+-----+-----+-----+
| 2001 | Hoffman  | London    | 100    | 1001 |
| 2002 | Giovanni | Rome      | 200    | 1003 |
| 2003 | Liu      | San Jose  | 200    | 1002 |
| 2004 | Grass    | Berlin    | 300    | 1002 |
| 2006 | Clemens  | London    | 100    | 1001 |
| 2008 | Cisneros | Sab Jose  | 300    | 1007 |
| 2007 | Pereira  | Rome      | 100    | 1004 |
+-----+-----+-----+-----+-----+
7 rows in set (0.00 sec)
```

D2\_84016\_Suyash>create table ORDERS( Onum int(4), Amt float(7.2), Odate date, Cnum int(4))  
Query OK, 0 rows affected, 3 warnings (0.11 sec)

D2\_84016\_Suyash>insert into ORDERS values(3001,18.69,'03-10-1990',2008,1007);  
ERROR 1292 (22007): Incorrect date value: '03-10-1990' for column 'Odate' at row 1  
D2\_84016\_Suyash>insert into ORDERS values(3001,18.69,'1990-10-03',2008,1007);  
Query OK, 1 row affected (0.07 sec)

D2\_84016\_Suyash>insert into ORDERS values(3003,767.19,'1990-10-03',2001,1001);  
Query OK, 1 row affected (0.08 sec)

D2\_84016\_Suyash>insert into ORDERS values(3002,1900.10,'1990-10-03',2007,1004);  
Query OK, 1 row affected (0.08 sec)

D2\_84016\_Suyash>insert into ORDERS values(3005,5160.45,'1990-10-03',2003,1002);  
Query OK, 1 row affected (0.01 sec)

D2\_84016\_Suyash>insert into ORDERS values(3006,1098.16,'1990-10-03',2008,1007);  
Query OK, 1 row affected (0.00 sec)

D2\_84016\_Suyash>insert into ORDERS values(3009,1713.23,'1990-10-04',2002,1003);  
Query OK, 1 row affected (0.08 sec)

```

Query OK, 1 row affected (0.07 sec)

D2_84016_Suyash>insert into ORDERS values(3003,767.19,'1990-10-03',2001,1001);
Query OK, 1 row affected (0.08 sec)

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D2_84016_Suyash>insert into ORDERS values(3009,1713.23,'1990-10-04',2002,1003);
Query OK, 1 row affected (0.08 sec)

D2_84016_Suyash>insert into ORDERS values(3007,75.75,'1990-10-04',2004,1002);
Query OK, 1 row affected (0.07 sec)

D2_84016_Suyash>insert into ORDERS values(3008,4723.00,'1990-10-05',2006,1001);
Query OK, 1 row affected (0.07 sec)

D2_84016_Suyash>insert into ORDERS values(3010,1309.95,'1990-10-06',2004,1002);
Query OK, 1 row affected (0.01 sec)

D2_84016_Suyash>insert into ORDERS values(3011,9891.88,'1990-10-06',2006,1001);
Query OK, 1 row affected (0.08 sec)

D2_84016_Suyash>select * from ORDERS;
+-----+-----+-----+-----+-----+
| Onum | Amt      | Odate      | Cnum | Snum |
+-----+-----+-----+-----+-----+
| 3001 | 18.69    | 1990-10-03 | 2008 | 1007 |
| 3003 | 767.19   | 1990-10-03 | 2001 | 1001 |
| 3002 | 1900.1    | 1990-10-03 | 2007 | 1004 |
| 3005 | 5160.45  | 1990-10-03 | 2003 | 1002 |
| 3006 | 1098.16  | 1990-10-03 | 2008 | 1007 |
| 3009 | 1713.23  | 1990-10-04 | 2002 | 1003 |
| 3007 | 75.75    | 1990-10-04 | 2004 | 1002 |
| 3008 | 4723     | 1990-10-05 | 2006 | 1001 |
| 3010 | 1309.95  | 1990-10-06 | 2004 | 1002 |
| 3011 | 9891.88  | 1990-10-06 | 2006 | 1001 |
+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)

D2_84016_Suyash>

```