Q.Create the following tables with the given structures and insert sample data as specified: -

1. **SALESPEOPLE**

Snum int(4)

Sname varchar(10)

City varchar(10)

Comm float(3,2)

Answer:=

mysql> create table salespeople(Snum int(4),Sname varchar(10), City varchar(10),Comm float(3,2));

Query OK, 0 rows affected, 2 warnings (0.11 sec)

mysql> insert into salespeople values(1001,'Peel','London',0.12);

Query OK, 1 row affected (0.02 sec)

mysql> insert into salespeople values(1002,'Serres','San Jose',0.13);

Query OK, 1 row affected (0.01 sec)

mysql> insert into salespeople values(1004,'Motika','London',.11);

Query OK, 1 row affected (0.15 sec)

mysql> insert into salespeople values(1007,'Rifkin','Barcelona',.15);

Query OK, 1 row affected (0.00 sec)

mysql> insert into salespeople values(1003,'Axelrod','New York',.10);

Query OK, 1 row affected (0.00 sec)

mysql> select \* from salespeople;

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

| 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 | 0.10 |

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

5 rows in set (0.00 sec)

1. **CUSTOMERS**

Cnum int(4)

Cname varchar(10)

City varchar(10)

Rating int(4)

Snum int(4)

Answer:

mysql> create table Customers(Cnum int(4),Cname varchar(10),City varchar(10),Rating int(4),Snum int(4));

Query OK, 0 rows affected, 3 warnings (0.04 sec)

mysql> insert into Customers values (2001,'Hoffman','London',100,1001);

Query OK, 1 row affected (0.01 sec)

mysql> insert into Customers values (2002,'Giovanni','Rome',200,1003);

Query OK, 1 row affected (0.00 sec)

mysql> insert into Customers values (2003,'Liu','San Jose',200,1002);

Query OK, 1 row affected (0.01 sec)

mysql> insert into Customers values (2004,'Grass','Berlin',300,1002);

Query OK, 1 row affected (0.00 sec)

mysql> insert into Customers values (2006,'Clemens','London',100,1001);

Query OK, 1 row affected (0.01 sec)

mysql> insert into Customers values (2008,'Cisneros','San Jose',300,1007);

Query OK, 1 row affected (0.01 sec)

mysql> insert into Customers values (2007,'Pereria','Rome',100,1004);

Query OK, 1 row affected (0.01 sec)

mysql> 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 | San Jose | 300 | 1007 |

| 2007 | Pereria | Rome | 100 | 1004 |

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

7 rows in set (0.00 sec)

1. **ORDERS**

Onum int(4)

Amt float(7,2)

Odate date

Cnum int(4)

Snum int(4)

mysql> insert into orders values(3001,18.69,'1990-10-03',2008,1007);

Query OK, 1 row affected (0.04 sec)

mysql> insert into orders values(3003,767.19,'1990-10-03',2001,1001);

Query OK, 1 row affected (0.01 sec)

mysql> insert into orders values(3002,1900.10,'1990-10-03',2007,1004);

Query OK, 1 row affected (0.01 sec)

mysql> insert into orders values(3005,5160.45,'1990-10-03',2003,1002);

Query OK, 1 row affected (0.00 sec)

mysql> insert into orders values(3006,1098.16,'1990-10-03',2008,1007);

Query OK, 1 row affected (0.00 sec)

mysql> insert into orders values(3009,1713.23,'1990-10-04',2002,1003);

Query OK, 1 row affected (0.00 sec)

mysql> insert into orders values(3007,75.75,'1990-10-04',2004,1002);

Query OK, 1 row affected (0.01 sec)

mysql> insert into orders values(3008,4723.00,'1990-10-05',2006,1001);

Query OK, 1 row affected (0.00 sec)

mysql> insert into orders values(3008,1309.95,'1990-10-06',2004,1002);

Query OK, 1 row affected (0.01 sec)

mysql> insert into orders values(3011,9891.88,'1990-10-06',2006,1001);

Query OK, 1 row affected (0.01 sec)

mysql> 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 | 1900.10 | 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 | 4723.00 | 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)