SQL Assignment - 1

1. Tables

```
[kd2_80158_saurabh>kd2_80158_saurabh>
[kd2_80158_saurabh>use karad;
Database changed
[kd2_80158_saurabh>create table salespeople(Snum int(4),Sname varchar(10),City varchar(10),Comm float(3,2));
Query OK, 0 rows affected, 2 warnings (0.03 sec)

[kd2_80158_saurabh>select * from salespeople;
Empty set (0.01 sec)

[kd2_80158_saurabh>desc salespeople;
+-------+-------------+------+-----+---------+-------+
| Field | Type        | Null | Key | Default | Extra |
+-------+-------------+------+-----+---------+-------+
| Snum  | int         | YES  |     | NULL    |       |
| Sname | varchar(10) | YES  |     | NULL    |       |
| City  | varchar(10) | YES  |     | NULL    |       |
| Comm  | float(3,2)  | YES  |     | NULL    |       |
+-------+-------------+------+-----+---------+-------+
4 rows in set (0.01 sec)

[kd2_80158_saurabh>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 (0.01 sec)

[kd2_80158_saurabh>desc customers;
+--------+-------------+------+-----+---------+-------+
| Field  | Type        | Null | Key | Default | Extra |
+--------+-------------+------+-----+---------+-------+
| Cnum   | int         | YES  |     | NULL    |       |
| Cname  | varchar(10) | YES  |     | NULL    |       |
| City   | varchar(10) | YES  |     | NULL    |       |
| Rating | int         | YES  |     | NULL    |       |
| Snum   | int         | YES  |     | NULL    |       |
+--------+-------------+------+-----+---------+-------+
5 rows in set (0.01 sec)

[kd2_80158_saurabh>create table orders(Onum int(4), Amt float(7,2), Odate date, Cnum int(4), Snum int(4));
Query OK, 0 rows affected, 4 warnings (0.01 sec)

[kd2_80158_saurabh>desc orders;
+-------+-------------+------+-----+---------+-------+
| Field | Type        | Null | Key | Default | Extra |
+-------+-------------+------+-----+---------+-------+
| Onum  | int         | YES  |     | NULL    |       |
| Amt   | float(7,2)  | YES  |     | NULL    |       |
| Odate | date        | YES  |     | NULL    |       |
| Cnum  | int         | YES  |     | NULL    |       |
| Snum  | int         | YES  |     | NULL    |       |
+-------+-------------+------+-----+---------+-------+
5 rows in set (0.01 sec)
```

2. Data

```
kd2_80158_saurabh>insert into salespeople values (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)
);
Query OK, 5 rows affected (0.01 sec)
Records: 5  Duplicates: 0  Warnings: 0

kd2_80158_saurabh>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)

kd2_80158_saurabh>insert into customers values (2001,'Hoffman','London',100,1001),(2002,'Giovanni','Rome',200,1003),(2003,'Liu','San Jose',200,1002),(2004,'Grass','Berlin',300,1002),(2006,'Clemens','Londo
n',100,1001),(2008,'Cisneros','San Jose',300,1007),(2007,'Pereira','Rome',100,1004);
Query OK, 7 rows affected (0.00 sec)
Records: 7  Duplicates: 0  Warnings: 0

kd2_80158_saurabh>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 | Pereira  | Rome     |    100 | 1004 |
+------+----------+----------+--------+------+
7 rows in set (0.00 sec)

kd2_80158_saurabh>insert into orders values (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,'1990-10-05',2006,1001),(3010,1309.95,'1990-10-06',2004,1002),(3011,9891.88,'1990-10-06',200
6,1001);
Query OK, 10 rows affected (0.01 sec)
Records: 10  Duplicates: 0  Warnings: 0

kd2_80158_saurabh>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)
```