Assignment –1

Introducing Relational Databases

1.

2. For Customer table :


```
W2_93033_Anupam>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)
```

3. Insert command for Customer table :

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```
2_93033_Anupam>insert table into Customers(Cnum,Cname,City,Rating,Snum )values(2001, Hoffman , London ,100,1001);^C
2_93033_Anupam>insert  into  Customers(Cnum,Cname,City,Rating,Snum )values(2001,'Hoffman','London',100,1001);
Query OK, 1 row affected (0.01 sec)

2_93033_Anupam>insert  into  Customers(Cnum,Cname,City,Rating,Snum )values(2002,'Giovanni','Rome',200,1003);
Query OK, 1 row affected (0.00 sec)

2_93033_Anupam>insert  into  Customers(Cnum,Cname,City,Rating,Snum )values(2003,'Liu','San Jhose',200,1002);
Query OK, 1 row affected (0.00 sec)

2_93033_Anupam>insert  into  Customers(Cnum,Cname,City,Rating,Snum )values(2004,'Berlin', 300,1002);
RROR 1136 (21S01): Column count doesn't match value count at row 1
2_93033_Anupam>insert  into  Customers(Cnum,Cname,City,Rating,Snum )values(2004,'Grass','Berelin', 300,1002);
Query OK, 1 row affected (0.01 sec)

2_93033_Anupam>insert  into  Customers(Cnum,Cname,City,Rating,Snum )values(2006,'Clemens','London', 100,1001);
Query OK, 1 row affected (0.00 sec)

2_93033_Anupam>insert  into  Customers(Cnum,Cname,City,Rating,Snum )values(2008,'Cisneros','San Jose', 300,1007);
Query OK, 1 row affected (0.01 sec)

2_93033_Anupam>insert  into  Customers(Cnum,Cname,City,Rating,Snum )values(2007,'Pereira','Rome', 100,1004);
Query OK, 1 row affected (0.00 sec)

2_93033_Anupam>select * from Customers;
+------+----------+-----------+--------+------+
| Cnum | Cname    | City      | Rating | Snum |
+------+----------+-----------+--------+------+
| 2001 | Hoffman  | London    |    100 | 1001 |
| 2002 | Giovanni | Rome      |    200 | 1003 |
| 2003 | Liu      | San Jhose |    200 | 1002 |
| 2004 | Grass    | Berelin   |    300 | 1002 |
| 2006 | Clemens  | London    |    100 | 1001 |
| 2008 | Cisneros | San Jose  |    300 | 1007 |
| 2007 | Pereira  | Rome      |    100 | 1004 |
+------+----------+-----------+--------+------+
 rows in set (0.00 sec)

2_93033_Anupam>commit;
Query OK, 0 rows affected (0.00 sec)
```

Create table Orders :

```
W2_93033_Anupam>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 (0.07 sec)
```

Insert Order Tables :

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```
W2_93033_Anupam>
W2_93033_Anupam>insert into orders(Onum,Amt,Odate,Cnum,Snum) 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,'1990-10-05',2004,1002),(3008,4
723.00,'1990-10-05',2006,1001),(3010,1309.95,'1990-10-06',2004,1002),(3011,9891.88,'1990-10-06',2006,1001);
Query OK, 10 rows affected (0.01 sec)
Records: 10  Duplicates: 0  Warnings: 0

W2_93033_Anupam>commit;
Query OK, 0 rows affected (0.00 sec)

W2_93033_Anupam>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 | 1990-10-05 | 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)
```