

Assignment –1

Introducing Relational Databases

```
C:\Windows\system32\cmd.exe - mysql -u W2_93033_Anupam -p
W2_93033_Anupam>create table SalesPeople(
  -> Snum int(4),
  -> Sname varchar(10),
  -> City varchar(10),
  -> Comm float(3,2)
  -> );
Query OK, 0 rows affected, 2 warnings (0.13 sec)

W2_93033_Anupam>insert into SalesPeople(Snum ,Sname,City,Comm)values(1001,'Peel','London',.12);
Query OK, 1 row affected (0.02 sec)

W2_93033_Anupam>insert into SalesPeople(Snum ,Sname,City,Comm)values(1002,'Serres','San Jhose',.13);
Query OK, 1 row affected (0.00 sec)

W2_93033_Anupam>insert into SalesPeople(Snum ,Sname,City,Comm)values(1004,'Motika','London',.11);
Query OK, 1 row affected (0.00 sec)

W2_93033_Anupam>insert into SalesPeople(Snum ,Sname,City,Comm)values(1007,'Rifkin','Barcelona',.15);
Query OK, 1 row affected (0.00 sec)

W2_93033_Anupam>insert into SalesPeople(Snum ,Sname,City,Comm)values(1003,'Axelrod','New York',.10);
Query OK, 1 row affected (0.00 sec)

W2_93033_Anupam>select * from SalesPeople;
+-----+-----+-----+-----+
| Snum | Sname | City   | Comm |
+-----+-----+-----+-----+
| 1001 | Peel  | London | 0.12 |
| 1002 | Serres| San Jhose | 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)

W2_93033_Anupam>
```

- 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 :

Assignment –1

Introducing Relational Databases

```
2_93033_Anupam>insert into Customers(Cnum,Cname,City,Rating,Snum )values(2001,'Hoffman','London',100,1001);
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);
ERROR 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 :

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```
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 :

Assignment –1

Introducing Relational Databases

```
mysql> use orders;
mysql> 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

mysql> commit;
Query OK, 0 rows affected (0.00 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 | 1990-10-05 | 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)
```