

Vatsal Mishra
D4
83889

Assignment – 1

Ques -1 Creating sample tables and inserting values.
Create the following tables with the given structures and insert sample data as specified: -

A) SALESPeOPLE

Snum
Sname
City
Commint(4)
varchar(10)
varchar(10)
float(3,2)

```
D4_Vatsal_83889>create table SALESPeOPLE( Snum int, Sname varchar(10), City varchar(10), Comm float(3,2));
Query OK, 0 rows affected, 1 warning (0.07 sec)

D4_Vatsal_83889>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)
```

B) CUSTOMERS

Cnum
Cname
City
Rating
Snumint(4)
varchar(10)
varchar(10)
int(4)
int(4)

Vatsal Mishra
D4
83889

```
mysql> use D4
mysql> D4_Vatsal_83889>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 (0.07 sec)

D4_Vatsal_83889>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 (0.00 sec)
```

C) ORDERS

Onum
Amt
Odate
Cnum
Snum
int(4)
float(7,2)
date

```
mysql> D4_Vatsal_83889>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 (0.06 sec)

D4_Vatsal_83889>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 (0.00 sec)

D4_Vatsal_83889>
```

Vatsal Mishra
D4
83889

Data

SALES PEOPLE

SNUM	SNAME	CITY	COMM
1001	Peel	London	.12
1002	Serres	San Jose	.13
1004	Motika	London	.11
1007	Rifkin	Barcelona	.15
1003	Axelrod	New York	10

```
ERROR 1264 (22005): Out of range value for column 'comm' at row 5
D4_Vatsal_83889>insert into SALESPEOPLE values(1001,'Peel','London',0.12),(1002,
'Serres','San Jose',0.13),(1004,'Motika','London',0.11),(1007,'Rifkin','Barcelon
a',0.15),(1003,'Axelrod','New York',0.10);
Query OK, 5 rows affected (0.06 sec)
Records: 5  Duplicates: 0  Warnings: 0

D4_Vatsal_83889>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)

D4_Vatsal_83889>
```

Vatsal Mishra
D4
83889

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

```
D4_Vatsal_83889>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','London',100,1001),
-> (2008,'Cisneros','San Jose',300,1007),(2007,'Pereira','Rome',100,1004);
Query OK, 7 rows affected (0.01 sec)
Records: 7 Duplicates: 0 Warnings: 0
```

```
D4_Vatsal_83889>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)
```

```
D4_Vatsal_83889>
```

Vatsal Mishra
D4
83889

ORDERS

ONUM	AMT	ODATE	CNUM	SNUM
3001	18.69	03-OCT-1990	2008	1007
3003	767.19	03- OCT -1990	2001	1001
3002	1900.10	03- OCT -1990	2007	1004
3005	5160.45	03- OCT -1990	2003	1002
3006	1098.16	03- OCT -1990	2008	1007
3009	1713.23	04- OCT -1990	2002	1003
3007	75.75	04- OCT -1990	2004	1002
3008	4723.00	05- OCT -1990	2006	1001
3010	1309.95	06- OCT -1990	2004	1002
3011	9891.88	06- OCT -1990	2006	1001

```
D4_Vatsal_83889>insert into Orders values(3003,767.19,'1990-10-03',2001,1001),(3002,1900.10,'1990-10-03',2007,1004),(3005,5160.45,'1990-10-03',2003,1002),(3006,1098.96,'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',2007,1001),(3010,1309.95,'1990-10-03',2004,1002),(3011,9891.88,'1990-10-06',2006,1001);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '(3010,1309.95,'1990-10-03',2004,1002)(3011,9891.88,'1990-10-06',2006,1001)' at line 1
D4_Vatsal_83889>insert into Orders values(3003,767.19,'1990-10-03',2001,1001),(3002,1900.10,'1990-10-03',2007,1004),(3005,5160.45,'1990-10-03',2003,1002),(3006,1098.96,'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',2007,1001),(3010,1309.95,'1990-10-03',2004,1002),(3011,9891.88,'1990-10-06',2006,1001);
Query OK, 9 rows affected (0.02 sec)
Records: 9 Duplicates: 0 Warnings: 0

D4_Vatsal_83889>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 | 1098.96 | 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 | 2007 | 1001 |
| 3010 | 1309.95 | 1990-10-03 | 2004 | 1002 |
| 3011 | 9891.88 | 1990-10-06 | 2006 | 1001 |
+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)

D4_Vatsal_83889>
```