

# SQL ASSINGMENT 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	int(4)
Sname	varchar(10)
City	varchar(10)
Comm	float(3,2)

\*\*Creating table sales people :--

```
kd2_80129_ShikharSharma>create table salespeople
-> (
-> snum int(4),
-> sname varchar(10),
-> city varchar(10),
-> comm float(3,2)
-> );
Query OK, 0 rows affected, 2 warnings (0.02 sec)
```

\*\* Inserting given data :--

```
kd2_80129_ShikharSharma>insert into salespeople values
-> (1001, 'Peel', 'London', .12),
-> (1002, 'Serres', 'San jose', .13),
-> (1004, 'Motika', 'London', .11),
-> (1007, 'Rifkin', 'Barcelona', .15),
-> (1003, 'Axelford', 'New York', .10);
Query OK, 5 rows affected (0.01 sec)
Records: 5  Duplicates: 0  Warnings: 0
```

**\*\*Table Output :--**

```
kd2_80129_ShikharSharma>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 | Axelford | New York  | 0.10 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

**B) CUSTOMERS**

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

**\*\*Creating table customers :--**

```
kd2_80129_ShikharSharma>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 (0.02 sec)
```

**\*\* Inserting the given data :--**

```
kd2_80129_ShikharSharma>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
```

**\*\*Table output :--**

```
kd2_80129_ShikharSharma>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
```

### C) ORDERS

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

\*\* Creating table orders :--

```
kd2_80129_ShikharSharma>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 (0.02 sec)
```

\*\* Inserting the given data :--

```
kd2_80129_ShikharSharma>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, 4723.00, '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
```

\*\* Table output :--

```
kd2_80129_ShikharSharma>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)
```