

Assignment –1
Creating sample tables and inserting values.

Create the following tables with the given structures and insert sample data as specified: -

1. To create database: ex cdacmumbai
Query: Create Database Databasename (ex: cdacmumbai)
To created database;
Query: show databases;
2. Use databases:
Query: use databasename (ex: cdacmumbai;)

A) **SALESPEOPLE**

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

Query for creating the table SALESPEOPLE and inserting data int in that table.
Create table:

```
Create Table SALESPEOPLE(  
Snum int(4) NOT NULL,  
Sname varchar(10),  
City varchar(10),  
Comm float(3,2)  
);
```

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

Insert Query:

```
INSERT INTO Salespeople (Snum, Sname, City, Comm)  
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);
```

(1007, 'Rifkin', 'Barcelona', 0.15),
 (1003, 'Axelrod', 'New York', 0.10);

Query

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)

B) CUSTOMERS

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

Query for creating the table CUSTOMERS and inserting data into that table:

Query to create Table:

Create Table CUSTOMERS(

-> Cnum INT(4),
 -> Cname VARCHAR(10),
 -> City VARCHAR(10),
 -> Rating INT(4),
 -> Snum INT(4)
 ->);

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

INSERT INTO CUSTOMERS (Cnum, Cname, City, Rating, Snum)
 VALUES

(2001, 'Hoffman', 'London', 100, 1001),
 (2002, 'Giovanni', 'Rome', 200, 1003),
 (2003, 'Liu', 'San Jose', 200, 1002),
 (2004, 'Grass', 'Berlin', 300, 1001),
 (2006, 'Class', 'Landon', 100, 1007),
 (2008, 'Cisneros', 'San Jose', 300, 1007),
 (2007, 'Pereira', 'Rome', 100, 1004);

Query :
 select * from CUSTOMERS;

```
mysql> 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	1001
2006	Class	Landon	100	1007
2008	Cisneros	San Jose	300	1007
2007	Pereira	Rome	100	1004

7 rows in set (0.00 sec)

C) ORDERS

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

Query for creating the table Orders and inserting data into that table.

Query for creating table:

```
Create Table ORDERS(
  Onum int(4),
  Amt float(7,2),
  Odate date,
  Cnum int(4),
  Snum int(4)
);
```

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

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, '1990-10-04', 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 (0.04 sec)
Records: 10 Duplicates: 0 Warnings: 0

Query:
select * from ORDERS;

```
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 | 1990-10-04 | 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)
```

Show Tables;

```
mysql> show databases;
+-----+
| Database |
+-----+
| cdacmumbai |
| information_schema |
| performance_schema |
+-----+
3 rows in set (0.04 sec)
```