# **DBT ASSIGNMENT 1**

### Creating sample tables and inserting values.

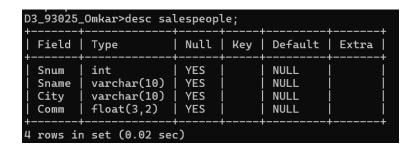
Create the following tables with the given structures and insert sample data as specified: -

## A) SALESPEOPLE

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

use classwork;

create table SALESPEOPLE(Snum int(4), Sname varchar(10), City varchar (10), Comm float(3,2));

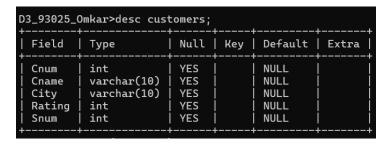


### B) CUSTOMERS

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

select \* from salespeople;

CREATE TABLE CUSTOMERS (Cnum int(4), Cname varchar(10), City varchar(10), Rating int(4), Snum int(4));



## C) ORDERS

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

create table ORDERS(Onum int(4),Amt float(7,2),Odate date,Cnum int(4),Snum int(4));

D3_93025_Omkar>desc orders;					
Field	Туре	Null	Key	Default	Extra
Onum   Amt   Odate   Cnum   Snum	int float(7,2) date int int	YES YES YES YES YES		NULL NULL NULL NULL	

## **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 into salespeople (snum,sname,city,comm)

- -> values (1002,'Serres','San Jose',0.13),
- -> (1004,'Motika','London',0.11),
- -> (1007,'Rifkin','Barcelona',0.15),
- -> (1003,'Axelrod','New York',0.10);

```
D3_93025_Omkar>insert into salespeople (snum,sname,city,comm)
-> values (1002,'Serres','San Jose',0.13),
-> (1004,'Motika','London',0.11),
-> (1007,'Rifkin','Barcelona',0.15),
-> (1003,'Axelrod','New York',0.10);
Query OK, 4 rows affected (0.01 sec)
Records: 4 Duplicates: 0 Warnings: 0
```

D3_93025_Omkar select * from salespeople;					
Snum	Sname	:	Comm		
1001     1002     1004     1007	Peel Serres Motika Rifkin	London   San Jose   London	0.12   0.13		
tt					

## **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, 1002),
- -> (2006, 'Clemens', 'London', 100, 1001),
- -> (2008, 'Cisneros', 'San Jose', 300, 1004);

```
D3_93025_Omkar>insert into customers (cnum,cname,city,rating,snum) -> values (2001,'Hoffman','Rome','London',100),
     -> insert into customers (cnum, cname, city, rating, snum) ^C
D3_93025_Omkar>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, 1002),

-> (2006, 'Clemens', 'London', 100, 1001),

-> (2008, 'Cisneros', 'San Jose', 300, 1004);
Query OK, 6 rows affected (0.01 sec)
Records: 6 Duplicates: 0 Warnings: 0
D3_93025_Omkar>select * from customers;
   Cnum |
           Cname
                          City
                                         Rating | Snum
                                             100
   2001
            Hoffman
                          London
                                                     1001
   2002
            Giovanni
                          Rome
                                             200
                                                     1003
   2003
            Liu
                          San Jose
                                             200
                                                     1002
   2004
                          Berlin
            Grass
                                             300
                                                     1002
   2006
            Clemens
                          London
                                             100
                                                     1001
   2008
            Cisneros
                          San Jose
                                             300
                                                     1004
```

#### **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

Querry used:

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);
```

```
D3_93025_Omkar>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 (0.02 sec)
Records: 10 Duplicates: 0
                                   Warnings: 0
D3_93025_Omkar>select * form orders;
ERROR 1064 (42000): You have an error in your SQL syntax; checl
orm orders' at line 1
D3_93025_Omkar>select * from orders;
  Onum
           Amt
                        0date
                                         Cnum
                                                  Snum
  3001
              18.69
                        1990-10-03
                                         2008
                                                  1007
            767.19
  3003
                        1990-10-03
                                         2001
                                                  1001
                        1990-10-03
  3002
           1900.10
                                         2007
                                                  1004
                                         2003
  3005
           5160.45
                        1990-10-03
                                                  1002
                                         2008
                                                  1007
  3006
           1098.16
                        1990-10-03
  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
```