

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));

```
D3_93025_Omkar>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 (0.02 sec)

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));

```
D3_93025_Omkar>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	

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	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	

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 | 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)
```

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 |
+-----+-----+-----+-----+-----+
| 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 |
+-----+-----+-----+-----+-----+

```

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

Query 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; check
orm orders' at line 1
D3_93025_Omkar>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

