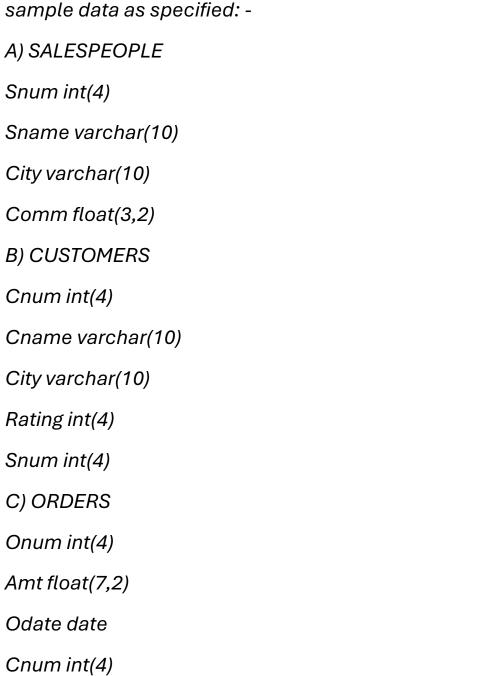
ASSIGNMENT 1

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



Snum int

```
Solution 1
CREATE DATABASE sales_db;
SHOW DATABASES;
USE sales_db;
CREATE TABLE SALESPEOPLE (
 Snum INT(4) PRIMARY KEY,
 Sname VARCHAR(10),
 City VARCHAR(10),
 Comm FLOAT(3,2)
);
CREATE TABLE CUSTOMERS (
 Cnum INT(4) PRIMARY KEY,
 Cname VARCHAR(10),
 City VARCHAR(10),
 Rating INT(4),
 Snum INT(4),
 FOREIGN KEY (Snum) REFERENCES SALESPEOPLE(Snum)
);
```

```
CREATE TABLE ORDERS (
 Onum INT(4) PRIMARY KEY,
 Amt FLOAT(7,2),
 Odate DATE,
 Cnum INT(4),
 Snum INT(4),
 FOREIGN KEY (Cnum) REFERENCES CUSTOMERS(Cnum),
 FOREIGN KEY (Snum) REFERENCES SALESPEOPLE(Snum)
);
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);
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, 1007),
(2007, 'Pereira', 'Rome', 100, 1004);
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);
```

SELECT * FROM SALESPEOPLE;

SELECT * FROM CUSTOMERS;

Cnum	Cname	City	Rating	Snum
2001	Hoffman	London	100	1001
2002	Giovanni	Rome	200	1003
2003	Liu San	Jose 20	00 100)2
2004	Grass Be	erlin 30	00 100)2
2006	Clemen s	London	100	1001
2008	Cisnero s	San Jos	e 300	1007
2007	Pereira F	Rome 1	00 10	04

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	