Question Number 1

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

A) SALESPEOPLE Snum int(4)
B) Sname varchar(10)
C) City varchar(10)
D) 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

Answer:-

```
W3_93086_Harshal>show databases;
+--------------------+
| Database           |
+--------------------+
| bank               |
| harshal            |
| information_schema |
| mysql              |
| performance_schema |
| sakila             |
| sys                |
| world              |
+--------------------+
8 rows in set (0.00 sec)

W3_93086_Harshal>use harshal;
Database changed
W3_93086_Harshal>show tables;
+-------------------+
| Tables_in_harshal |
+-------------------+
| customers         |
| orders            |
| salespeople       |
+-------------------+
3 rows in set (0.01 sec)

W3_93086_Harshal>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  | 0.1  |
+-------+---------+-----------+------+
5 rows in set (0.00 sec)
```

Question 2:- CUSTOMERS
- A. Cnum int(4)
- B. Cname varchar(10)
- C. City varchar(10)
- D. Rating int(4)
- E. 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

Answer :-

```
W3_93086_Harshal>use harshal;
Database changed
W3_93086_Harshal>show tables;
+--------------------+
| Tables_in_harshal |
+--------------------+
| customers          |
| orders             |
| salespeople        |
+--------------------+
3 rows in set (0.01 sec)

W3_93086_Harshal>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  | 0.1   |
+-------+---------+-----------+-------+
5 rows in set (0.00 sec)

W3_93086_Harshal>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 | 1007  |
| 2007  | Pereira  | Rome     |    100 | 1004  |
+-------+----------+----------+--------+-------+
7 rows in set (0.00 sec)
```

Question 3:-ORDERS

A. Onum int(4)
B. Amt float(7,2)
C. Odate date
D. Cnum int(4)
E. 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

```
C:\WINDOWS\system32\cmd.  X    +  ⌄                                                                                    –   □   ×

W3_93086_Harshal>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 |
| 3005 | 5160.45 | 1990-10-03 | 2003 | 1002 |
+------+---------+------------+------+------+
6 rows in set (0.00 sec)

W3_93086_Harshal>delete row6
    -> delete from orders
    -> where Onum= '3005';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'd
elete from orders
where Onum= '3005'' at line 2
W3_93086_Harshal>delete from orders
    -> where Onum= 3005;
Query OK, 2 rows affected (0.01 sec)

W3_93086_Harshal>delete from orders
    -> where Onum=3006;
Query OK, 1 row affected (0.01 sec)

W3_93086_Harshal>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 |
+------+---------+------------+------+------+
3 rows in set (0.00 sec)

W3_93086_Harshal>insert into orders(Onum,Amt,Odate,Cnum,Snum)
    -> values('3005',5160.45,1990-10-03,'2003','1002'
    -> );
ERROR 1292 (22007): Incorrect date value: '1977' for column 'Odate' at row 1
```

```
C:\WINDOWS\system32\cmd.  X    +  ⌄                                                                                    –   □   ×

W3_93086_Harshal>insert into orders(Onum,Amt,Odate,Cnum,Snum)
    -> values('3005',5160.45,1990-10-03,'2003','1002'
    -> );
ERROR 1292 (22007): Incorrect date value: '1977' for column 'Odate' at row 1
W3_93086_Harshal>insert into orders(Onum,Amt,Odate,Cnum,Snum)
    -> values('3005',5160.45,'1990-10-03','2003','1002');
Query OK, 1 row affected (0.01 sec)

W3_93086_Harshal>insert into orders(Onum,Amt,Odate,Cnum,Snum)
    -> values('3006',1098.16,'1990-10-03','2008','1007');
Query OK, 1 row affected (0.01 sec)

W3_93086_Harshal>insert into orders(Onum,Amt,Odate,Cnum,Snum)
    -> values('3009',1713.23,'1990-10-04','2002','1003');
Query OK, 1 row affected (0.01 sec)

W3_93086_Harshal>insert into orders(Onum,Amt,Odate,Cnum,Snum)
    -> values('3007',75.75,'1990-10-04','2004','1002');
Query OK, 1 row affected (0.01 sec)

W3_93086_Harshal>insert into orders(Onum,Amt,Odate,Cnum,Snum)
    -> values('3008',4723.00,'1990','2006','1001');
ERROR 1292 (22007): Incorrect date value: '1990' for column 'Odate' at row 1
W3_93086_Harshal>values('3008',4723.00,'1990-10-05','2006','1001');
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '(
'3008',4723.00,'1990-10-05','2006','1001')' at line 1
W3_93086_Harshal>insert into orders(Onum,Amt,Odate,Cnum,Snum)
    -> values('3008',4723.00,'1990-10-05','2006','1001');
Query OK, 1 row affected (0.01 sec)

W3_93086_Harshal>insert into orders(Onum,Amt,Odate,Cnum,Snum)
    -> values('3010',1309.95,'1990-10-06','2004','1002');
Query OK, 1 row affected (0.01 sec)

W3_93086_Harshal>insert into orders(Onum,Amt,Odate,Cnum,Snum)
    -> values('3011',9891.88,'1990-10-06','2006','1001');
Query OK, 1 row affected (0.01 sec)

W3_93086_Harshal>select* from orders
    -> ;
```

```
        -> values('3007',75.75,'1990-10-04','2004','1002');
Query OK, 1 row affected (0.01 sec)

W3_93086_Harshal>insert into orders(Onum,Amt,Odate,Cnum,Snum)
        -> values('3008',4723.00,'1990','2006','1001');
ERROR 1292 (22007): Incorrect date value: '1990' for column 'Odate' at row 1
W3_93086_Harshal>values('3008',4723.00,'1990-10-05','2006','1001');
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '(
'3008',4723.00,'1990-10-05','2006','1001')' at line 1
W3_93086_Harshal>insert into orders(Onum,Amt,Odate,Cnum,Snum)
        -> values('3008',4723.00,'1990-10-05','2006','1001');
Query OK, 1 row affected (0.01 sec)

W3_93086_Harshal>insert into orders(Onum,Amt,Odate,Cnum,Snum)
        -> values('3010',1309.95,'1990-10-06','2004','1002');
Query OK, 1 row affected (0.01 sec)

W3_93086_Harshal>insert into orders(Onum,Amt,Odate,Cnum,Snum)
        -> values('3011',9891.88,'1990-10-06','2006','1001');
Query OK, 1 row affected (0.01 sec)

W3_93086_Harshal>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)

W3_93086_Harshal>
```