

Assignment –1

Creating sample tables and inserting values.

A) SALESPeOPLE

Snum int(4)

Sname varchar(10)

City varchar(10)

Comm float(3,2)

```
mysql> show databases;
+-----+
| Database |
+-----+
| classwork |
| information_schema |
| mysql |
| performance_schema |
| sys |
+-----+
5 rows in set (0.00 sec)

mysql> use classwork;
Database changed
mysql> CREATE TABLE SALESPeOPLE(
-> Snum int(4),
-> Sname varchar(10),
-> City varchar(10),
-> Comm float(3,2)
-> );
Query OK, 0 rows affected, 2 warnings (0.06 sec)
```

```
mysql> INSERT INTO SALESPeOPLE 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);
Query OK, 5 rows affected (0.02 sec)
Records: 5 Duplicates: 0 Warnings: 0
```

```
mysql> 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)

```
mysql> create table CUSTOMERS(  
-> Cnum int(4),  
-> Cname varchar(10),  
-> City varchar(10),  
-> Rating int (4),  
-> Snum int(4));  
Query OK, 0 rows affected, 3 warnings (0.07 sec)
```

```
mysql> insert into CUSTOMERS values  
-> (2001, 'Hoffman', 'London', 100, 1001),  
-> (2002, 'Giovanni', 'Rome', 200, 1003),  
-> (2003, 'Liu', 'San Jose', 200, 1002),  
-> (2004, 'Grass', 'Berlin', 100, 1002),  
-> (2006, 'Clemens', 'London', 100, 1001),  
-> (2008, 'Cisneros', 'San Jose', 300, 1007),  
-> (2007, 'Pereira', 'Rome', 100, 1004),  
-> );
```

```
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  | 100    | 1002 |  
| 2006 | Clemens  | London  | 100    | 1001 |  
| 2008 | Cisneros | San Jose | 300    | 1007 |  
| 2007 | Pereira  | Rome    | 100    | 1004 |  
+-----+-----+-----+-----+-----+  
7 rows in set (0.00 sec)
```

```
mysql> |
```

C) ORDERS

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

```
mysql> create table ORDERS;
ERROR 4028 (HY000): A table must have at least one visible column.
mysql>
mysql>
mysql> create table ORDERS(
  -> Onum int(4),
  -> Amt float(7,2),
  -> Odate date,
  -> Cnum int(4),
  -> Snum int(4));
Query OK, 0 rows affected, 4 warnings (0.05 sec)
```

```
mysql> INSERT INTO ORDERS VALUES
  -> (3001, 18.69, STR_TO_DATE('03-OCT-1990', '%d-%b-%Y'), 2008, 1007),
  -> (3003, 767.19, STR_TO_DATE('03-OCT-1990', '%d-%b-%Y'), 2001, 1001),
  -> (3002, 1900.10, STR_TO_DATE('03-OCT-1990', '%d-%b-%Y'), 2007, 1004),
  -> (3005, 5160.45, STR_TO_DATE('03-OCT-1990', '%d-%b-%Y'), 2003, 1002),
  -> (3006, 1098.16, STR_TO_DATE('03-OCT-1990', '%d-%b-%Y'), 2008, 1007),
  -> (3009, 1713.23, STR_TO_DATE('04-OCT-1990', '%d-%b-%Y'), 2002, 1003),
  -> (3007, 75.75, STR_TO_DATE('04-OCT-1990', '%d-%b-%Y'), 2004, 1002),
  -> (3008, 4723.00, STR_TO_DATE('05-OCT-1990', '%d-%b-%Y'), 2006, 1001),
  -> (3010, 1309.95, STR_TO_DATE('06-OCT-1990', '%d-%b-%Y'), 2004, 1002),
  -> (3011, 9891.88, STR_TO_DATE('06-OCT-1990', '%d-%b-%Y'), 2006, 1001);
Query OK, 10 rows affected (0.02 sec)
Records: 10 Duplicates: 0 Warnings: 0
```

```
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)
```