***Assignment –1***

**Creating sample tables and inserting values.**

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

1. *SALESPEOPLE*

Snum int(4)

Sname varchar(10)

City varchar(10)

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 |

mysql> create table salespeople(

-> Snum int(4),

-> Sname varchar(10),

-> City varchar(10),

-> Comm float(3,2)

-> );

Query OK, 0 rows affected, 2 warnings (0.13 sec)

mysql> insert into salespeople values

-> ('1001','peel','london',0.12);

Query OK, 1 row affected (0.07 sec)

mysql> insert into salespeople values

-> ('1002','Serres','SanJose',0.13);

Query OK, 1 row affected (0.01 sec)

mysql> insert into salespeople values

-> ('1004','Motika','London',0.11);

Query OK, 1 row affected (0.01 sec)

mysql> insert into salespeople values

-> ('1007','Rifkin','Barcelona',0.15);

Query OK, 1 row affected (0.01 sec)

mysql> insert into salespeople values

-> ('1003','Axelrod','New York',0.10);

Query OK, 1 row affected (0.01 sec)

mysql> select \* from salespeople;

+------+---------+-----------+------+

| Snum | Sname | City | Comm |

+------+---------+-----------+------+

| 1001 | peel | london | 0.12 |

| 1002 | Serres | SanJose | 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)

1. *CUSTOMERS*

Cnum int(4)

Cname varchar(10)

City varchar(10)

Rating int(4)

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 |

mysql> create table customers(

-> Cnum int(4), //primary key

-> Cname varchar(10),

-> City varchar(10),

-> Rating int(4),

-> Snum int(4)

-> );

Query OK, 0 rows affected, 3 warnings (0.12 sec)

mysql> insert into customers values

-> ('2001','Hoffman','London','100','1001');

Query OK, 1 row affected (0.03 sec)

mysql> insert into customers values

-> ('2002','Giovanni','Rome','200','1003');

Query OK, 1 row affected (0.01 sec)

mysql> insert into customers values

-> ('2003','Liu','San Jose','200','1002');

Query OK, 1 row affected (0.01 sec)

mysql> insert into customers values

-> ('2004','Grass','Berlin','300','1002');

Query OK, 1 row affected (0.01 sec)

mysql> insert into customers values

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

Query OK, 1 row affected (0.01 sec)

mysql> insert into customers values

-> ('2008','Cisneros','San Jose','300','1007');

Query OK, 1 row affected (0.01 sec)

mysql> insert into customers values

-> ('2007','Pereira','Rome','100','1004');

Query OK, 1 row affected (0.01 sec)

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 | 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)

1. *ORDERS*

Onum int(4)

Amt float(7,2)

Odate date

Cnum int(4)

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 |

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 (0.06 sec)

mysql> insert into orders values

-> ('3001',18.69,'1990-10-03','2008','1007'),

-> ('3003',767.19,'1990-10-03','2001','1001');

Query OK, 2 rows affected (0.02 sec)

Records: 2 Duplicates: 0 Warnings: 0

mysql> insert into orders values

-> ('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,'1990-10-03','2002','1003'),

-> ('3007',75.75,'1990-10-03','2004','1002'),

-> ('3008',4723.00,'1990-10-03','2006','1001'),

-> ('3010',1309.95,'1990-10-06','2004','1002'),

-> ('3011',9891.88,'1990-10-06','2006','1001');

Query OK, 8 rows affected (0.05 sec)

Records: 8 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 | 1990-10-03 | 2002 | 1003 |

| 3007 | 75.75 | 1990-10-03 | 2004 | 1002 |

| 3008 | 4723.00 | 1990-10-03 | 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)