**Assignment –1**

**Creating sample tables and inserting values.**

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

1. A) SALESPEOPLE

Snum int(4)

Sname varchar(10)

City varchar(10)

Comm float(3,2)

|  |  |  |  |
| --- | --- | --- | --- |
| SALESPEOPLE 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 |

Solution –

create table SALESPEOPLE(

Snum int(4),

Sname varchar(10),

City varchar(10),

Comm float(3,2));

insert into SALESPEOPLE values

(1001,'Peel','London',.12),

(1002,'Serres','San Jose',.13),

(1004,'Motika','London',.11),

(1007,'Rifkin','Barcelona',.15),

(1003,'Axelrod','New York',.10);

( desc tablename; ---- to see table description, select \* from tablename; - to see table details)

1. B) 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 |

Solution –

create table CUSTOMERS(

Cnum int(4),

Cname varchar(10),

City varchar(10),

Rating int(4),

Snum int(4));

insert into CUSTOMERS 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);

1. C) ORDERS

Onum int(4)

Amt float(7,2)

Odate date

Cnum int(4)

Snum int(4)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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 |

Solution –

create table ORDERS(

Onum int(4),

Amt float(7,2),

Odate date,

Cnum int(4),

Snum int(4));

insert into orders 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);