**CREATE TABLE**

create table furniture\_39

(

NUM int PRIMARY KEY,

ITEMNAME char(30) not null ,

TYPE char(30),

DATEofSTOCK datetime,

PRICE float,

DISCOUNT int

);

OUTPUT

The command(s) completed successfully.

**CREATE TABLE ii**

create table furniture\_39ii

(

NUM int PRIMARY KEY,

ITEMNAME char(30) not null ,

TYPE char(30),

DATEofSTOCK datetime,

PRICE float,

DISCOUNT int

);

OUTPUT  
The command(s) completed successfully.

**INSERTING VALUES IN TABLE i**

insert into furniture\_39 (NUM,ITEMNAME,TYPE,DATEofSTOCK,PRICE,DISCOUNT) values(1,'White Lotous','Double Bed', '02/02/02',30000,25);

INSERT INTO furniture\_39(NUM,ITEMNAME,TYPE,DATEofSTOCK,PRICE,DISCOUNT)

VALUES (2,'Pink Feather','Baby Cot', '02/01/20',7000,20);

INSERT INTO furniture\_39(NUM,ITEMNAME,TYPE,DATEofSTOCK,PRICE,DISCOUNT)

values(3,'Dolphin','Baby Cot', '02/02/02',9500,20);

INSERT INTO furniture\_39(NUM,ITEMNAME,TYPE,DATEofSTOCK,PRICE,DISCOUNT)

values(4,'Decent','Office Table', '02/01/02',25000,30);

INSERT INTO furniture\_39(NUM,ITEMNAME,TYPE,DATEofSTOCK,PRICE,DISCOUNT)

values(5,'Comfort Zone','Double Bed', '02/01/12',25000,25);

INSERT INTO furniture\_39(NUM,ITEMNAME,TYPE,DATEofSTOCK,PRICE,DISCOUNT)

values(6,'Donald','Baby Cot', '02/02/24',6500,15);

INSERT INTO furniture\_39(NUM,ITEMNAME,TYPE,DATEofSTOCK,PRICE,DISCOUNT)

values(7,'Royal Finish','Office Table', '02/02/02',18000,30);

INSERT INTO furniture\_39(NUM,ITEMNAME,TYPE,DATEofSTOCK,PRICE,DISCOUNT)

values(8,'Royal Tiger','Sofa', '02/02/02',31000,30);

INSERT INTO furniture\_39(NUM,ITEMNAME,TYPE,DATEofSTOCK,PRICE,DISCOUNT)

values(9,'Econo Sitting ','Sofa', '01/12/01',9500,25);

INSERT INTO furniture\_39(NUM,ITEMNAME,TYPE,DATEofSTOCK,PRICE,DISCOUNT)

values(10,'Dining Table','Dining Table', '02/02/02',1150,25);

OUTPUT

(1 row(s) affected)

(1 row(s) affected)

(1 row(s) affected)

(1 row(s) affected)

(1 row(s) affected)

(1 row(s) affected)

(1 row(s) affected)

(1 row(s) affected)

(1 row(s) affected)

(1 row(s) affected)

**INSERTING VALUES IN TABLE ii**

insert into furniture\_39(NUM,ITEMNAME,TYPE,DATEofSTOCK,PRICE,DISCOUNT)

values(11,'Wood Comfort','Double Bed', '03/03/23',30000,25);

INSERT INTO furniture\_39(NUM,ITEMNAME,TYPE,DATEofSTOCK,PRICE,DISCOUNT)

VALUES (12,'Old Fox','Baby Cot', '03/02/20',7000,20);

INSERT INTO furniture\_39(NUM,ITEMNAME,TYPE,DATEofSTOCK,PRICE,DISCOUNT)

values(13,'Mickey','Baby Cot', '03/02/21',7500,20);

OUTPUT

(1 row(s) affected)

(1 row(s) affected)

(1 row(s) affected)

**DISPLAY TABLE**

select NUM, ITEMNAME,TYPE,DATEofSTOCK,PRICE, DISCOUNT

from furniture\_39;

Output

NUM ITEMNAME TYPE DATEofSTOCK PRICE DISCOUNT

----------- ------------------------------ ------------------------------ ------------------------------------------------------ ----------------------------------------------------- -----------

1 White Lotous Double Bed 2002-02-02 00:00:00.000 30000.0 25

2 Pink Feather Baby Cot 2002-01-20 00:00:00.000 7000.0 20

3 Dolphin Baby Cot 2002-02-02 00:00:00.000 9500.0 20

4 Decent Office Table 2002-02-02 00:00:00.000 25000.0 30

5 Comfort Zone Double Bed 2002-01-12 00:00:00.000 25000.0 25

6 Donald Baby Cot 2002-02-24 00:00:00.000 6500.0 15

7 Royal Finish Office Table 2002-02-02 00:00:00.000 18000.0 30

8 Royal Tiger Sofa 2002-02-02 00:00:00.000 31000.0 30

9 Econo Sitting Sofa 2002-12-01 00:00:00.000 9500.0 25

10 Dining Table Dining Table 2002-02-02 00:00:00.000 1150.0 25

(10 row(s) affected)

**SELECT DISTINCT TYPE**

select count(DISTINCT TYPE)

from furniture\_39;

OUTPUT

-----------

5

(1 row(s) affected)

**ALTER TABLE**

ALTER TABLE furniture\_39

ADD noof integer;

UPDATE furniture\_39

SET noof= 1

WHERE NUM=1;

UPDATE furniture\_39

SET noof= 10

WHERE NUM=2;

UPDATE furniture\_39

SET noof= 5

WHERE NUM=3;

UPDATE furniture\_39

SET noof= 1

WHERE NUM=4;

UPDATE furniture\_39

SET noof= 7

WHERE NUM=5;

UPDATE furniture\_39

SET noof= 1

WHERE NUM=6;

UPDATE furniture\_39

SET noof= 3

WHERE NUM=7;

UPDATE furniture\_39

SET noof= 3

WHERE NUM=8

UPDATE furniture\_39

SET noof= 9

WHERE NUM=9

UPDATE furniture\_39

SET noof= 4

WHERE NUM=10

OUTPUT

NUM ITEMNAME TYPE DATEofSTOCK PRICE DISCOUNT noof

----------- ------------------------------ ------------------------------ ------------------------------------------------------ **-------**---------------------------------------------- ----------- ------------------------------------------

1 White Lotous Double Bed 2002-02-02 00:00:00.000 30000.0 25 1

2 Pink Feather Baby Cot 2002-01-20 00:00:00.000 7000.0 20 10

3 Dolphin Baby Cot 2002-02-02 00:00:00.000 9500.0 20 5

4 Decent Office Table 2002-02-02 00:00:00.000 25000.0 30 1

5 Comfort Zone Double Bed 2002-01-12 00:00:00.000 25000.0 25 5

6 Donald Baby Cot 2002-02-24 00:00:00.000 6500.0 15 6

7 Royal Finish Office Table 2002-02-02 00:00:00.000 18000.0 30 7

8 Royal Tiger Sofa 2002-02-02 00:00:00.000 31000.0 30 8

9 Econo Sitting Sofa 2002-12-01 00:00:00.000 9500.0 25 9

10 Dining Table Dining Table 2002-02-02 00:00:00.000 1150.0 25 10

(10 row(s) affected)

**DISPLAY FROM BOTH TABLE**

SELECT ITEMNAME, MAX(PRICE),MIN(PRICE),COUNT(\*)

FROM furniture\_39,furniture\_39ii;

OUTPUT

----------------------------------------------------- ----------------------------------------------------- -----------

31000.0 1150.0 10

(1 row(s) affected)

**COUNT DISTINCT**

select COUNT(distinct TYPE)

from furniture\_39;

OUTPUT

-----------

5

(1 row(s) affected)

**DELETE**

DELETE FROM furniture\_39

OUTPUT

(10 row(s) affected)

**UPDATE**

UPDATE PRICE

SET DISCOUNT=0

WHERE PRICE<10000;

SELECT \* FROM furniture\_39

OUTPUT

(5 row(s) affected)

**DISCOUNT BETWEEN**

SELECT \*

FROM furniture\_39

WHERE DISCOUNT<30 and PRICE<5000

OUTPUT

NUM ITEMNAME TYPE DATEofSTOCK PRICE DISCOUNT

----------- ------------------------------ ------------------------------ ------------------------------------------------------ ----------------------------------------------------- -----------

(0 row(s) affected)

**STRING**

SELECT \*

FROM furniture\_39

WHERE ITEMNAME LIKE 'D%'

OUTPUT

NUM ITEMNAME TYPE DATEofSTOCK PRICE DISCOUNT

----------- ------------------------------ ------------------------------ ------------------------------------------------------ ----------------------------------------------------- -----------

3 Dolphin Baby Cot 2002-02-02 00:00:00.000 9500.0 20

4 Decent Office Table 2002-02-02 00:00:00.000 25000.0 30

6 Donald Baby Cot 2002-02-24 00:00:00.000 6500.0 15

10 Dining Table Dining Table 2002-02-02 00:00:00.000 1150.0 25

(4 row(s) affected)

**GROUP BY**

select TYPE

from furniture\_39 group by TYPE having count(\*)>2

OUTPUT

-----------

3

1

2

2

2

(5 row(s) affected)

**ALL**

select all TYPE

from furniture\_39;

OUTPUT

TYPE

------------------------------

Double Bed

Baby Cot

Office Table

Office Table

Sofa

Dining Table

(6 row(s) affected)

**ORDER BY PRICE**

select\*

from furniture\_39

order by PRICE;

OUTPUT

NUM ITEMNAME TYPE DATEofSTOCK PRICE DISCOUNT

----------- ------------------------------ ------------------------------ ------------------------------------------------------ ----------------------------------------------------- -----------

10 Dining Table Dining Table 2002-02-02 00:00:00.000 1150.0 25

6 Donald Baby Cot 2002-02-24 00:00:00.000 6500.0 15

2 Pink Feather Baby Cot 2002-01-20 00:00:00.000 7000.0 20

3 Dolphin Baby Cot 2002-02-02 00:00:00.000 9500.0 20

9 Econo Sitting Sofa 2002-12-01 00:00:00.000 9500.0 25

7 Royal Finish Office Table 2002-02-02 00:00:00.000 18000.0 30

5 Comfort Zone Double Bed 2002-01-12 00:00:00.000 25000.0 25

4 Decent Office Table 2002-02-02 00:00:00.000 25000.0 30

1 White Lotous Double Bed 2002-02-02 00:00:00.000 30000.0 30

8 Royal Tiger Sofa 2002-02-02 00:00:00.000 31000.0 30

(10 row(s) affected)

**SHOW MAX**

Select MAX(DISCOUNT)

from furniture\_39;

OUTPUT

-----------

30

(1 row(s) affected)

**ORDER BY DISCOUNT**

select\*

from furniture\_39

order by DISCOUNT DESC;

OUTPUT

NUM ITEMNAME TYPE DATEofSTOCK PRICE DISCOUNT

----------- ------------------------------ ------------------------------ ------------------------------------------------------ ----------------------------------------------------- -----------

1 White Lotous Double Bed 2002-02-02 00:00:00.000 30000.0 30

4 Decent Office Table 2002-02-02 00:00:00.000 25000.0 30

7 Royal Finish Office Table 2002-02-02 00:00:00.000 18000.0 30

8 Royal Tiger Sofa 2002-02-02 00:00:00.000 31000.0 30

5 Comfort Zone Double Bed 2002-01-12 00:00:00.000 25000.0 25

9 Econo Sitting Sofa 2002-12-01 00:00:00.000 9500.0 25

10 Dining Table Dining Table 2002-02-02 00:00:00.000 1150.0 25

3 Dolphin Baby Cot 2002-02-02 00:00:00.000 9500.0 20

2 Pink Feather Baby Cot 2002-01-20 00:00:00.000 7000.0 20

6 Donald Baby Cot 2002-02-24 00:00:00.000 6500.0 15

(10 row(s) affected)

**SET NULL**

UPDATE furniture\_39

SET DISCOUNT=NULL

WHERE PRICE>1200

OUTPUT

(1 row(s) affected)

**SHOW MAX AND MIN**

SELECT MAX(PRICE),MIN(PRICE)

FROM furniture\_39

OUTPUT

----------------------------------------------------- -----------------------------------------------------

NULL NULL

(1 row(s) affected)

**SHOW AVERAGE**

select AVG(DISCOUNT)

from furniture\_39;

OUTPUT

-----------

24

(1 row(s) affected)

**NOT IN**

select \*

from furniture\_39

where TYPE not in ('Sofa', 'Double Bed');

OUTPUT

NUM ITEMNAME TYPE DATEofSTOCK PRICE DISCOUNT

----------- ------------------------------ ------------------------------ ------------------------------------------------------ ----------------------------------------------------- -----------

2 Pink Feather Baby Cot 2002-01-20 00:00:00.000 7000.0 20

3 Dolphin Baby Cot 2002-02-02 00:00:00.000 9500.0 20

4 Decent Office Table 2002-02-02 00:00:00.000 25000.0 30

6 Donald Baby Cot 2002-02-24 00:00:00.000 6500.0 15

7 Royal Finish Office Table 2002-02-02 00:00:00.000 18000.0 30

10 Dining Table Dining Table 2002-02-02 00:00:00.000 1150.0 25

(6 row(s) affected)

**SUM BABY COT**

select 'SUM OF PRICE WHERE THE FURNITURE IS BABY COT',SUM(PRICE)

from furniture\_39

where TYPE='Baby Cot';

OUTPUT

-------------------------------------------- -----------------------------------------------------

SUM OF PRICE WHERE THE FURNITURE IS BABY COT 23000.0

(1 row(s) affected)

**UNION**

select ITEMNAME, DATEofSTOCK

from furniture\_39

union

select ITEMNAME, DATEofSTOCK

from furniture\_39ii

OUTPUT

ITEMNAME DATEofSTOCK

------------------------------ ------------------------------------------------------

Comfort Zone 2002-01-12 00:00:00.000

Decent 2002-02-02 00:00:00.000

Dining Table 2002-02-02 00:00:00.000

Dolphin 2002-02-02 00:00:00.000

Donald 2002-02-24 00:00:00.000

Econo Sitting 2002-12-01 00:00:00.000

Pink Feather 2002-01-20 00:00:00.000

Royal Finish 2002-02-02 00:00:00.000

Royal Tiger 2002-02-02 00:00:00.000

White Lotous 2002-02-02 00:00:00.000

(10 row(s) affected)

**WHERE**

SELECT \*

FROM furniture\_39

WHERE DISCOUNT>25 OR PRICE<10000

OUTPUT

NUM ITEMNAME TYPE DATEofSTOCK PRICE DISCOUNT

----------- ------------------------------ ------------------------------ ------------------------------------------------------ ----------------------------------------------------- -----------

2 Pink Feather Baby Cot 2002-01-20 00:00:00.000 7000.0 20

3 Dolphin Baby Cot 2002-02-02 00:00:00.000 9500.0 20

4 Decent Office Table 2002-02-02 00:00:00.000 25000.0 30

6 Donald Baby Cot 2002-02-24 00:00:00.000 6500.0 15

7 Royal Finish Office Table 2002-02-02 00:00:00.000 18000.0 30

8 Royal Tiger Sofa 2002-02-02 00:00:00.000 31000.0 30

9 Econo Sitting Sofa 2002-12-01 00:00:00.000 9500.0 25

10 Dining Table Dining Table 2002-02-02 00:00:00.000 1150.0 25

(8 row(s) affected)

**UPDATE**

update furniture\_39

SET DISCOUNT=30

where PRICE>25000

Select\*

from furniture\_39

OUTPUT

(2 row(s) affected)

NUM ITEMNAME TYPE DATEofSTOCK PRICE DISCOUNT DISCOUNT

----------- ------------------------------ ------------------------------ ------------------------------------------------------ ----------------------------------------------------- -----------

1 White Lotous Double Bed 2002-02-02 00:00:00.000 30000.0 30

2 Pink Feather Baby Cot 2002-01-20 00:00:00.000 7000.0 20

3 Dolphin Baby Cot 2002-02-02 00:00:00.000 9500.0 20

4 Decent Office Table 2002-02-02 00:00:00.000 25000.0 30

5 Comfort Zone Double Bed 2002-01-12 00:00:00.000 25000.0 25

6 Donald Baby Cot 2002-02-24 00:00:00.000 6500.0 15

7 Royal Finish Office Table 2002-02-02 00:00:00.000 18000.0 30

8 Royal Tiger Sofa 2002-02-02 00:00:00.000 31000.0 30

9 Econo Sitting Sofa 2002-12-01 00:00:00.000 9500.0 25

10 Dining Table Dining Table 2002-02-02 00:00:00.000 1150.0 25

(10 row(s) affected)

**STRING 2**

SELECT \*

FROM furniture\_39

WHERE DISCOUNT LIKE '2%';

OUTPUT

NUM ITEMNAME TYPE DATEofSTOCK PRICE DISCOUNT

----------- ------------------------------ ------------------------------ ------------------------------------------------------ ----------------------------------------------------- -----------

1 White Lotous Double Bed 1900-01-01 00:00:00.000 30000.0 25

2 Pink Feather Baby Cot 1900-01-02 00:00:00.000 7000.0 20

3 Dolphin Baby Cot 1900-01-01 00:00:00.000 9500.0 20

5 Comfort Zone Double Bed 1900-01-01 00:00:00.000 25000.0 25

9 Econo Sitting Sofa 1900-01-01 00:00:00.000 9500.0 25

10 Dining Table Dining Table 1900-01-01 00:00:00.000 1150.0 25

(6 row(s) affected)

**DROP TABLE**

DELETE FROM furniture\_39

OUTPUT

The command(s) completed successfully.

**DELETE FROM**

DELETE FROM furniture\_39

OUTPUT

(10 row(s) affected)

**Table for Joins**

CREATE TABLE furniture\_tax

(

NUM int primary key,

TAX int

);

INSERT INTO furniture\_tax

(NUM, TAX)

VALUES

(1,5),

(2,3),

(3,2);

OUTPUT

The command(s) completed successfully.

(1 row(s) affected)

(1 row(s) affected)

(1 row(s) affected)

**Joins**

SELECT ITEMNAME, PRICE, TAX

FROM furniture\_39 ,furniture\_tax ;

WHERE furniture\_39.NUM=furniture\_tax.NUM

OUTPUT

ITEMNAME PRICE TAX

----------- ---------------------------------------

White Lotous 30000 5

Pink Feather 7000 3

Dolphin 9500 2

(3 row(s) affected)

select \*

from furniture\_tax

NUM TAX

1 5

2 3

3 2