

ANZAL HUSAIN ABIDI 20BCS009

DBMS ASSIGNMENT-2

EXERCISE-1: CREATE TABLES AS DESCRIBED.

NAME: Client_Master

DESC: info about clients

```
mysql> use 20BCS009;
```

```
mysql> desc Client_Master;
```

Field	Type	Null	Key	Default	Extra
ClientNo	varchar(6)	YES		NULL	
Name	varchar(20)	YES		NULL	
Address1	varchar(30)	YES		NULL	
Adress2	varchar(30)	YES		NULL	
City	varchar(15)	YES		NULL	
PinCode	int	YES		NULL	
State	varchar(15)	YES		NULL	
BalDue	decimal(10,2)	YES		NULL	

NAME: Product_Master

DESC: info about products

```
mysql> desc Product_Master;
```

Field	Type	Null	Key	Default	Extra
ProductNo	varchar(6)	YES		NULL	
Description	varchar(15)	YES		NULL	
ProfitPercent	varchar(4)	YES		NULL	
UnitMeasure	varchar(10)	YES		NULL	
QtyOnHand	int	YES		NULL	
Tax	int	YES		NULL	
SellPrice	int	YES		NULL	
CostPrice	int	YES		NULL	

CREATION OF TABLES:

1: Client_Master

```
CREATE TABLE Product_Master
(ProductNo varchar(6),
Description varchar(15),
ProfitPercent varchar(4),
UnitMeasure varchar(10),
QtyOnHand int(8),
Tax int(8),
SellPrice int(8),
CostPrice int(8));

insert into Client_Master
value('C0001','Ivan Bayross','Block 1','House No
1','Mumbai',400001,'Maharashtra',15000);

insert into Client_Master
value('C0002','Mamta Mazumdar','Block 2','House No
2','Madras',780001,'Tamil Nadu',0);

insert into Client_Master
value('C0003','Chhaya Bankar','Block 3','House No
3','Mumbai',400057,'Maharashtra',5000);

insert into Client_Master
value('C0004','Ashwini Joshi','Block 4','House No
4','Banglore',560001,'Karnataka',0);

insert into Client_Master
value('C0005','Hansei Colaco','Block 5','House No
5','Mumbai',400060,'Maharashtra',2000);

insert into Client_Master
value('C0006','Deepak Sharma','Block 6','House No
6','Manglore',560050,'Karnataka',0);
```

2: CREATION OF Product_Master

```
CREATE TABLE Product_Master
(ProductNo varchar(6),
Description varchar(15),
ProfitPercent varchar(4),
UnitMeasure varchar(10),
QtyOnHand int(8),
```

```
Tax int(8),
SellPrice int(8),
CostPrice int(8));
```

```
insert into Product_Master
value('P00001','T-Shirts',5,'Piece',200,50,350,250);
```

```
insert into Product_Master
value('P03450','Shirts',6,'Piece',150,50,500,350);
```

```
insert into Product_Master
value('P06734','Cotton Jeans',5,'Piece',100,20,600,450);
```

```
insert into Product_Master
value('P07865','Jeans',5,'Piece',100,20,750,500);
```

```
insert into Product_Master
value('P07868','Trousers',2,'Piece',150,50,850,550);
```

```
insert into Product_Master
value('P07885','Pull Overs',2,'Piece',150,50,850,350);
```

```
insert into Product_Master
value('P07868','Denim Shirts',4,'Piece',100,40,350,250);
```

```
insert into Product_Master
value('P07868','Lycra Tops',5,'Piece',70,30,300,175);
```

```
insert into Product_Master
value('P07868','Skirts',5,'Piece',75,30,450,300);
```

CLIENT MASTER :

```
mysql> select * from Client_Master;
```

ClientNo	Name	Address1	Adress2	City	PinCode	State	BalDue
C0001	Ivan Bayross	Block 1	House No 1	Mumbai	400001	Maharashtra	15000.00
C0002	Mamta Mazumdar	Block 2	House No 2	Madras	780001	Tamil Nadu	0.00
C0003	Chhaya Bankar	Block 3	House No 3	Mumbai	400057	Maharashtra	5000.00
C0004	Ashwini Joshi	Block 4	House No 4	Banglore	560001	Karnataka	0.00
C0005	Hansei Colaco	Block 5	House No 5	Mumbai	400060	Maharashtra	2000.00
C0006	Deepak Sharma	Block 6	House No 6	Manglore	560050	Karnataka	0.00

PRODUCT MASTER :

```
mysql> select * from Product_Master;
```

ProductNo	Description	ProfitPercent	UnitMeasure	QtyOnHand	Tax	SellPrice	CostPrice
P00001	T-Shirts	5	Piece	200	50	350	250
P03450	Shirts	6	Piece	150	50	500	350

P06734	Cotton Jeans	5	Piece	100	20	600	450
P07865	Jeans	5	Piece	100	20	750	500
P07868	Trousers	2	Piece	150	50	850	550
P07885	Pull Overs	2	Piece	150	50	850	350
P07868	Denim Shirts	4	Piece	100	40	350	250
P07868	Lycra Tops	5	Piece	70	30	300	175
P07868	Skirts	5	Piece	75	30	450	300

EXERCISE -3

a) NAME OF ALL CLIENTS:

```
mysql> select Name from Client_Master;
```

Name
Ivan Bayross
Mamta Mazumdar
Chhaya Bankar
Ashwini Joshi
Hansei Colaco
Deepak Sharma

b) RETREIVE THE ENTIRE CONTENTS OF Client_Master:

```
mysql> select * from Client_Master;
```

ClientNo	Name	Address1	Adress2	City	PinCode	State	BalDue
C0001	Ivan Bayross	Block 1	House No 1	Mumbai	400001	Maharashtra	15000.00
C0002	Mamta Mazumdar	Block 2	House No 2	Madras	780001	Tamil Nadu	0.00
C0003	Chhaya Bankar	Block 3	House No 3	Mumbai	400057	Maharashtra	5000.00
C0004	Ashwini Joshi	Block 4	House No 4	Banglore	560001	Karnataka	0.00
C0005	Hansei Colaco	Block 5	House No 5	Mumbai	400060	Maharashtra	2000.00
C0006	Deepak Sharma	Block 6	House No 6	Manglore	560050	Karnataka	0.00

c) RETREIVE NAME,CITY,STATE OF ALL Clients IN Client_Master:

```
mysql> select Name,City,State from Client_Master;
```

Name	City	State
Ivan Bayross	Mumbai	Maharashtra
Mamta Mazumdar	Madras	Tamil Nadu
Chhaya Bankar	Mumbai	Maharashtra
Ashwini Joshi	Banglore	Karnataka
Hansei Colaco	Mumbai	Maharashtra
Deepak Sharma	Manglore	Karnataka

d) LIST THE VARIOUS PRODUCTS AVAILABLE IN Product_Master:

```
mysql> select Description from Product_Master;
```

Description
T-Shirts
Shirts
Cotton Jeans
Jeans
Trousers
Pull Overs
Denim Shirts
Lycra Tops
Skirts

e) LIST ALL THE CLIENTS OF MUMBAI:

```
mysql> select Name from Client_Master where City = 'Mumbai';
```

Name
Ivan Bayross
Chhaya Bankar
Hansei Colaco

EXERCISE-4

a) CHANGE CITY OF CLIENTNO 'C0005' TO 'BANGLORE':

```
mysql> update Client_Master
-> set City = 'Banglore'
-> where ClientNo ='C0005';
Query OK, 1 row affected (0.10 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

b) CHANGE BALDUE OF CLIENTNO 'C0001' TO Rs 1000:

```
mysql> update Client_Master
-> set BalDue = 1000
-> where ClientNo ='C0001';
Query OK, 1 row affected (0.10 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

C) CHANGE COSTPRICE OF 'TROUSERS' TO Rs 950:

```
mysql> update Product_Master  
-> set CostPrice= 950  
-> where Description='Trousers';  
Query OK, 1 row affected (0.09 sec)  
Rows matched: 1 Changed: 1 Warnings: 0
```

CHANGED TABLES AFTER EXERCISE -4

```
mysql> select * from Client_Master;
```

ClientNo	Name	Address1	Adress2	City	PinCode	State	BalDue
C0001	Ivan Bayross	Block 1	House No 1	Mumbai	400001	Maharashtra	1000.00
C0002	Mamta Mazumdar	Block 2	House No 2	Madras	780001	Tamil Nadu	0.00
C0003	Chhaya Bankar	Block 3	House No 3	Mumbai	400057	Maharashtra	5000.00
C0004	Ashwini Joshi	Block 4	House No 4	Banglore	560001	Karnataka	0.00
C0005	Hansei Colaco	Block 5	House No 5	Banglore	400060	Maharashtra	2000.00
C0006	Deepak Sharma	Block 6	House No 6	Manglore	560050	Karnataka	0.00

```
mysql> select * from Product_Master;
```

ProductNo	Description	ProfitPercent	UnitMeasure	QtyOnHand	Tax	SellPrice	CostPrice
P00001	T-Shirts	5	Piece	200	50	350	250
P03450	Shirts	6	Piece	150	50	500	350
P06734	Cotton Jeans	5	Piece	100	20	600	450
P07865	Jeans	5	Piece	100	20	750	500
P07868	Trousers	2	Piece	150	50	850	950
P07885	Pull Overs	2	Piece	150	50	850	350
P07868	Denim Shirts	4	Piece	100	40	350	250
P07868	Lycra Tops	5	Piece	70	30	300	175
P07868	Skirts	5	Piece	75	30	450	300