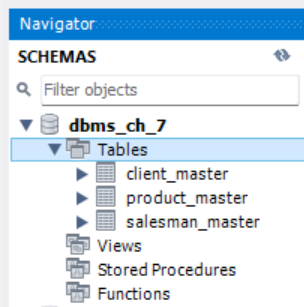
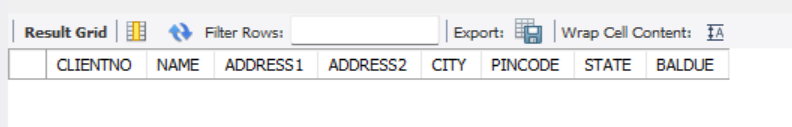
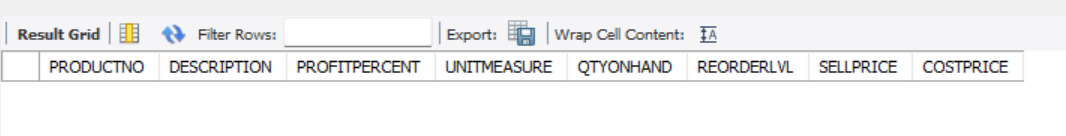
Chapter-7

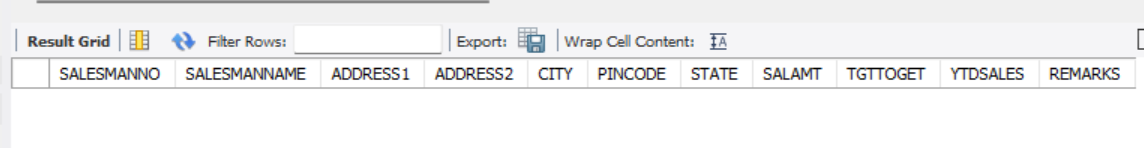
1.











-- Create Table CLIENT\_MASTER 1 NO

create table CLIENT\_MASTER(

CLIENTNO Varchar(6),

NAME Varchar(20),

ADDRESS1 Varchar(30),

ADDRESS2 Varchar(30),

CITY Varchar(15),

PINCODE numeric(8),

STATE Varchar(15),

BALDUE Numeric(10,2)

);

-- Create Table PRODUCT\_MASTER 1 no

create table PRODUCT\_MASTER(

PRODUCTNO Varchar(6),

DESCRIPTION Varchar(15),

PROFITPERCENT Numeric(4,2),

UNITMEASURE Varchar(10),

QTYONHAND Numeric(8),

REORDERLVL Numeric(8),

SELLPRICE Numeric(8,2),

COSTPRICE Numeric(8,2)

);

-- Create Table SALESMAN\_MASTER 1 no

create table SALESMAN\_MASTER(

SALESMANNO Varchar(6),

SALESMANNAME Varchar(20),

ADDRESS1 Varchar(30),

ADDRESS2 Varchar(30),

CITY Varchar(20),

PINCODE Numeric(8),

STATE Varchar(20),

SALAMT Numeric(8,2),

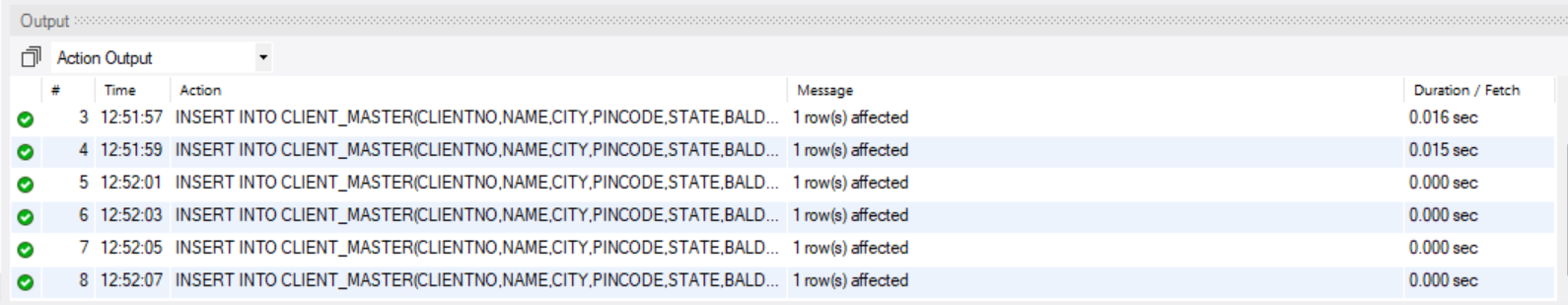
TGTTOGET Numeric(6,2),

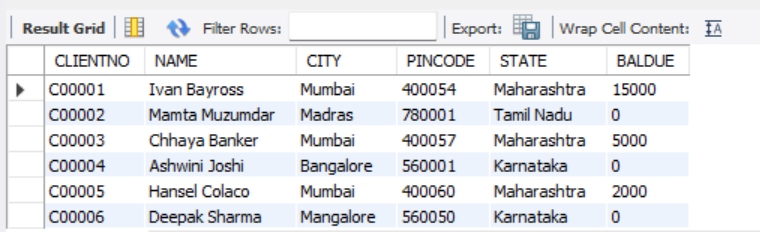
YTDSALES Numeric(6,2),

REMARKS Varchar(60)

);

2. a) CLIENT\_MASTER TABLE:





-- Create Table CLIENT\_MASTER 2 N0 VALUE INSERT JONNO

create table CLIENT\_MASTER(

CLIENTNO Varchar(6),

NAME Varchar(20),

CITY Varchar(15),

PINCODE integer(8),

STATE Varchar(15),

BALDUE integer(10)

);

-- Insert Value in CLIENT\_MASTER Table

INSERT INTO CLIENT\_MASTER(CLIENTNO,NAME,CITY,PINCODE,STATE,BALDUE) VALUES('C00001','Ivan Bayross','Mumbai',400054,'Maharashtra',15000);

INSERT INTO CLIENT\_MASTER(CLIENTNO,NAME,CITY,PINCODE,STATE,BALDUE) VALUES('C00002','Mamta Muzumdar','Madras',780001,'Tamil Nadu',0);

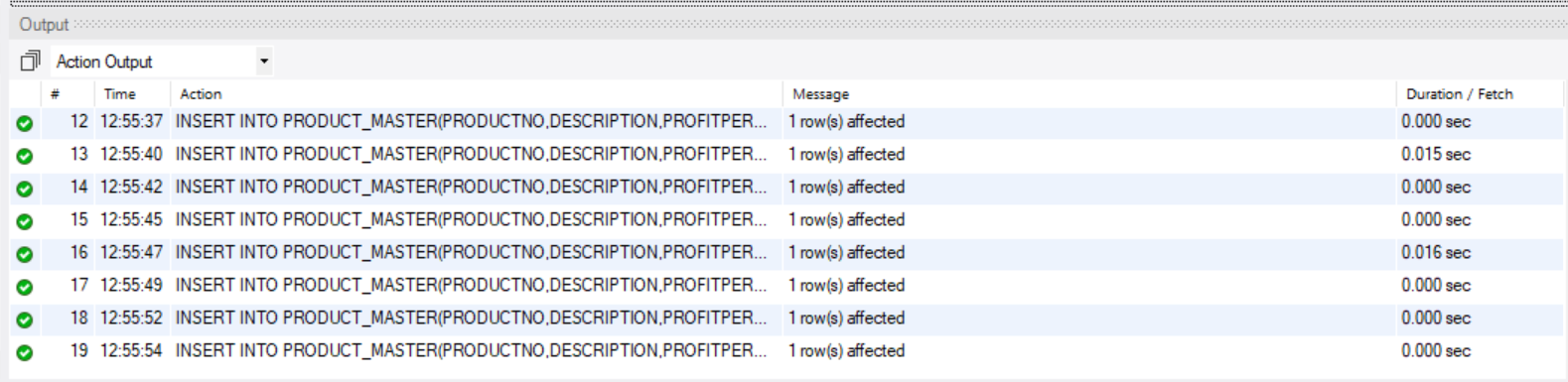
INSERT INTO CLIENT\_MASTER(CLIENTNO,NAME,CITY,PINCODE,STATE,BALDUE) VALUES('C00003','Chhaya Banker','Mumbai',400057,'Maharashtra',5000);

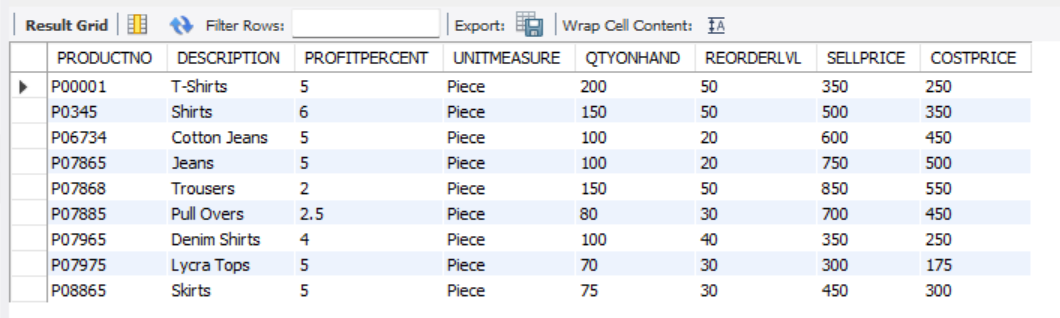
INSERT INTO CLIENT\_MASTER(CLIENTNO,NAME,CITY,PINCODE,STATE,BALDUE) VALUES('C00004','Ashwini Joshi','Bangalore',560001,'Karnataka',0);

INSERT INTO CLIENT\_MASTER(CLIENTNO,NAME,CITY,PINCODE,STATE,BALDUE) VALUES('C00005','Hansel Colaco','Mumbai',400060,'Maharashtra',2000);

INSERT INTO CLIENT\_MASTER(CLIENTNO,NAME,CITY,PINCODE,STATE,BALDUE) VALUES('C00006','Deepak Sharma','Mangalore',560050,'Karnataka',0);

2.b)





-- Create Table PRODUCT\_MASTER 2 no value insert jonno

create table PRODUCT\_MASTER(

PRODUCTNO Varchar(6),

DESCRIPTION Varchar(15),

PROFITPERCENT float(4),

UNITMEASURE Varchar(10),

QTYONHAND integer(8),

REORDERLVL integer(8),

SELLPRICE integer(8),

COSTPRICE integer(8)

);

-- Insert Value in PRODUCT\_MASTER Table

INSERT INTO PRODUCT\_MASTER(PRODUCTNO,DESCRIPTION,PROFITPERCENT,UNITMEASURE,QTYONHAND,REORDERLVL,SELLPRICE,COSTPRICE) VALUES('P00001','T-Shirts',5,'Piece',200,50,350,250);

INSERT INTO PRODUCT\_MASTER(PRODUCTNO,DESCRIPTION,PROFITPERCENT,UNITMEASURE,QTYONHAND,REORDERLVL,SELLPRICE,COSTPRICE) VALUES('P0345','Shirts',6,'Piece',150,50,500,350);

INSERT INTO PRODUCT\_MASTER(PRODUCTNO,DESCRIPTION,PROFITPERCENT,UNITMEASURE,QTYONHAND,REORDERLVL,SELLPRICE,COSTPRICE) VALUES('P06734','Cotton Jeans',5,'Piece',100,20,600,450);

INSERT INTO PRODUCT\_MASTER(PRODUCTNO,DESCRIPTION,PROFITPERCENT,UNITMEASURE,QTYONHAND,REORDERLVL,SELLPRICE,COSTPRICE) VALUES('P07865','Jeans',5,'Piece',100,20,750,500);

INSERT INTO PRODUCT\_MASTER(PRODUCTNO,DESCRIPTION,PROFITPERCENT,UNITMEASURE,QTYONHAND,REORDERLVL,SELLPRICE,COSTPRICE) VALUES('P07868','Trousers',2,'Piece',150,50,850,550);

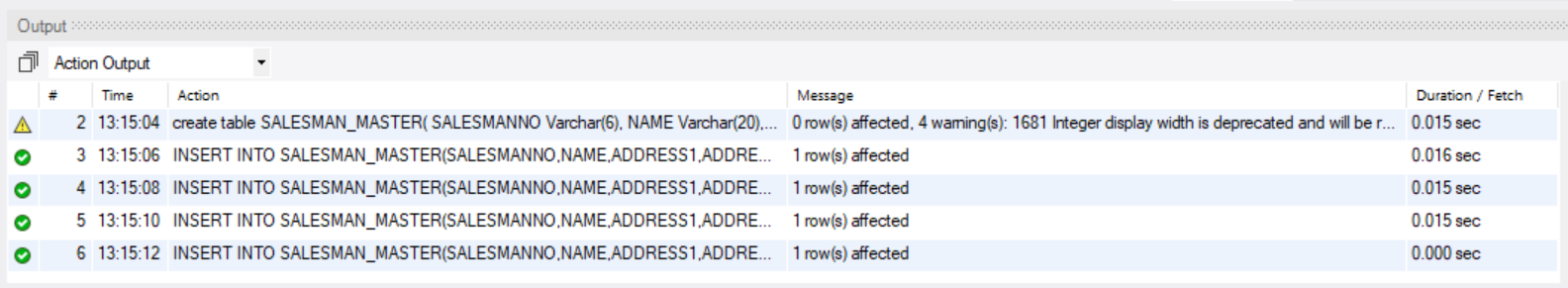
INSERT INTO PRODUCT\_MASTER(PRODUCTNO,DESCRIPTION,PROFITPERCENT,UNITMEASURE,QTYONHAND,REORDERLVL,SELLPRICE,COSTPRICE) VALUES('P07885','Pull Overs',2.5,'Piece',80,30,700,450);

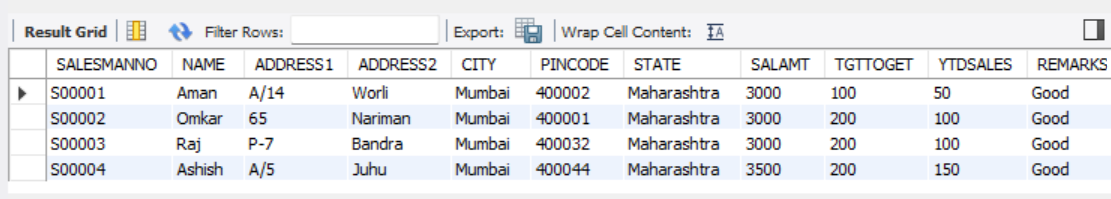
INSERT INTO PRODUCT\_MASTER(PRODUCTNO,DESCRIPTION,PROFITPERCENT,UNITMEASURE,QTYONHAND,REORDERLVL,SELLPRICE,COSTPRICE) VALUES('P07965','Denim Shirts',4,'Piece',100,40,350,250);

INSERT INTO PRODUCT\_MASTER(PRODUCTNO,DESCRIPTION,PROFITPERCENT,UNITMEASURE,QTYONHAND,REORDERLVL,SELLPRICE,COSTPRICE) VALUES('P07975','Lycra Tops',5,'Piece',70,30,300,175);

INSERT INTO PRODUCT\_MASTER(PRODUCTNO,DESCRIPTION,PROFITPERCENT,UNITMEASURE,QTYONHAND,REORDERLVL,SELLPRICE,COSTPRICE) VALUES('P08865','Skirts',5,'Piece',75,30,450,300);

2.c)





-- Create Table SALESMAN\_MASTER 1 no

create table SALESMAN\_MASTER(

SALESMANNO Varchar(6),

NAME Varchar(20),

ADDRESS1 Varchar(30),

ADDRESS2 Varchar(30),

CITY Varchar(20),

PINCODE integer(8),

STATE Varchar(20),

SALAMT integer(8),

TGTTOGET integer(6),

YTDSALES integer(6),

REMARKS Varchar(60)

);

-- Insert Value in SALESMAN\_MASTER Table

INSERT INTO SALESMAN\_MASTER(SALESMANNO,NAME,ADDRESS1,ADDRESS2,CITY,PINCODE,STATE,SALAMT,TGTTOGET,YTDSALES,REMARKS) VALUES('S00001','Aman','A/14','Worli','Mumbai',400002,'Maharashtra',3000,100,50,'Good');

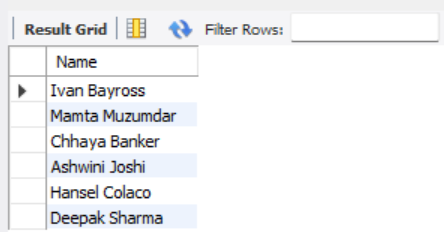
INSERT INTO SALESMAN\_MASTER(SALESMANNO,NAME,ADDRESS1,ADDRESS2,CITY,PINCODE,STATE,SALAMT,TGTTOGET,YTDSALES,REMARKS) VALUES('S00002','Omkar','65','Nariman','Mumbai',400001,'Maharashtra',3000,200,100,'Good');

INSERT INTO SALESMAN\_MASTER(SALESMANNO,NAME,ADDRESS1,ADDRESS2,CITY,PINCODE,STATE,SALAMT,TGTTOGET,YTDSALES,REMARKS) VALUES('S00003','Raj','P-7','Bandra','Mumbai',400032,'Maharashtra',3000,200,100,'Good');

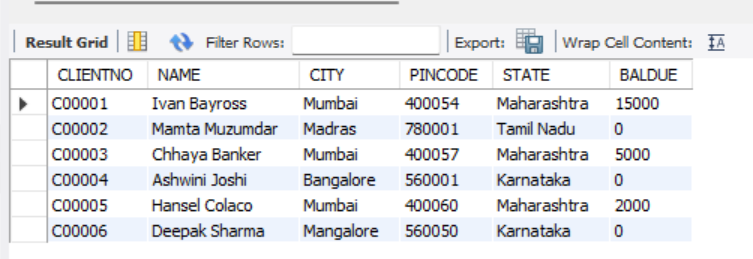
INSERT INTO SALESMAN\_MASTER(SALESMANNO,NAME,ADDRESS1,ADDRESS2,CITY,PINCODE,STATE,SALAMT,TGTTOGET,YTDSALES,REMARKS) VALUES('S00004','Ashish','A/5','Juhu','Mumbai',400044,'Maharashtra',3500,200,150,'Good');

3.a)

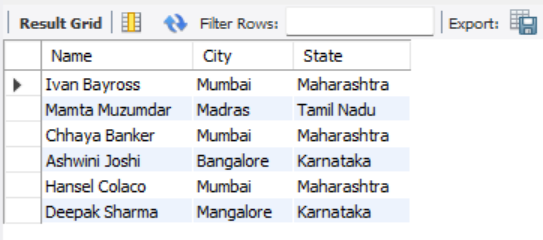
select Name from client\_master;



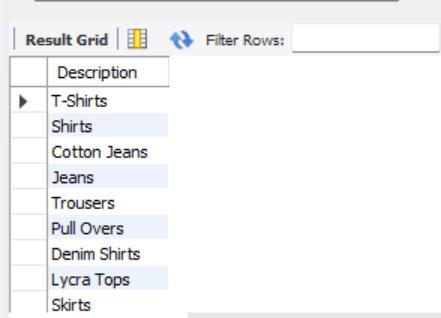
3.b) select \* from client\_master;



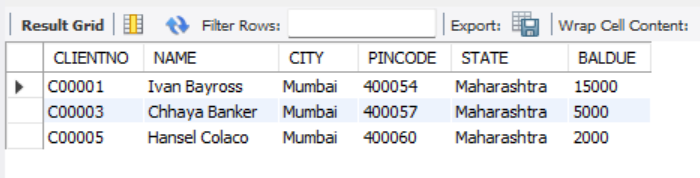
3.c) select Name,City,State from client\_master;



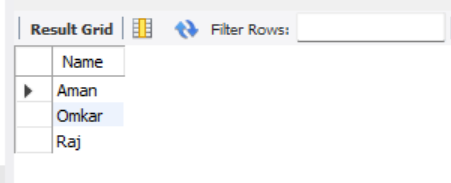
3.d) select Description from product\_master;



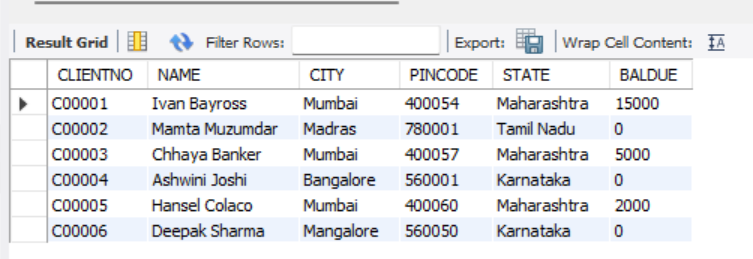
3.e) select \* from client\_master where City='Mumbai';



3.F) select Name from SALESMAN\_master where SALAMT=3000;



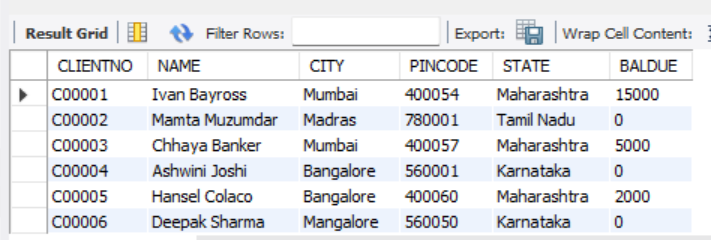
4.a)Before:



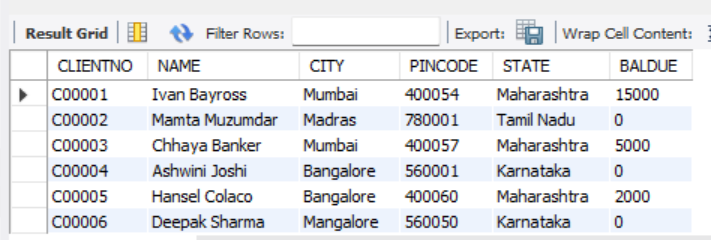
update client\_master set City='Bangalore' where CLIENTNO='C00005';



Update:



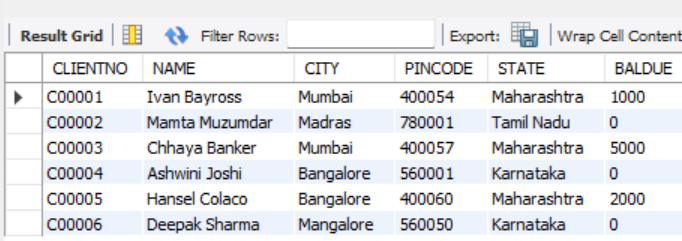
4.b) Before:



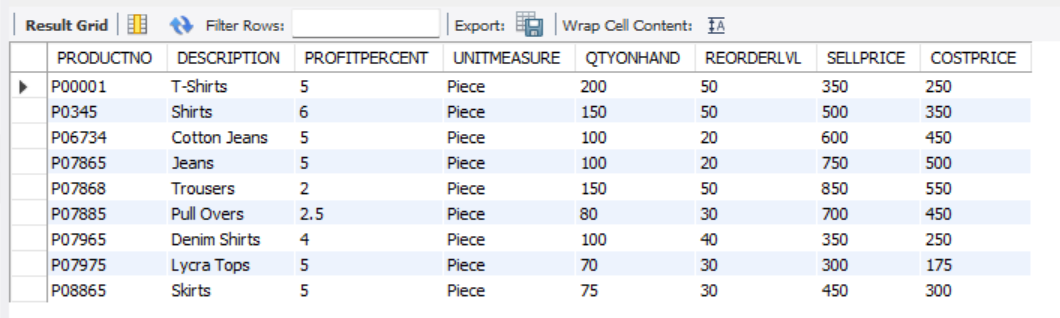
update client\_master set BALDUE=1000 where CLIENTNO='C00001';



Update:

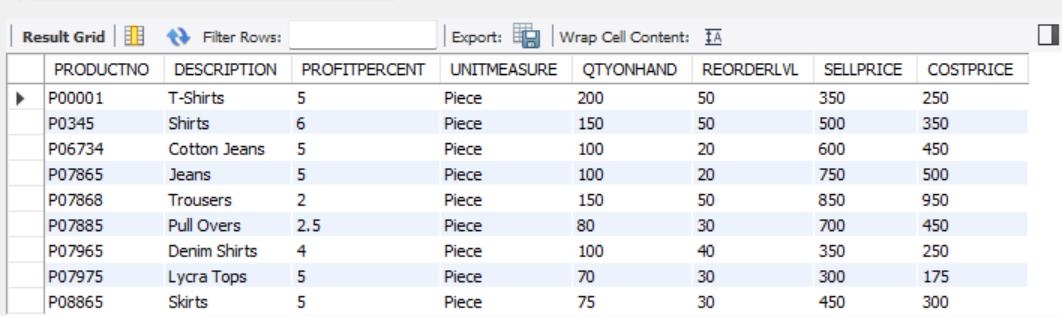


4.c) Before:

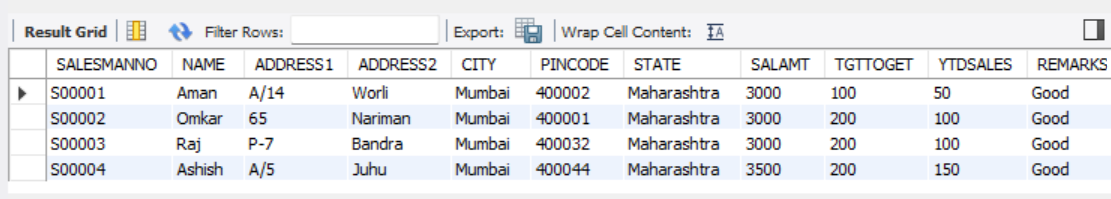


update product\_master set COSTPRICE=950.00 where DESCRIPTION='Trousers';



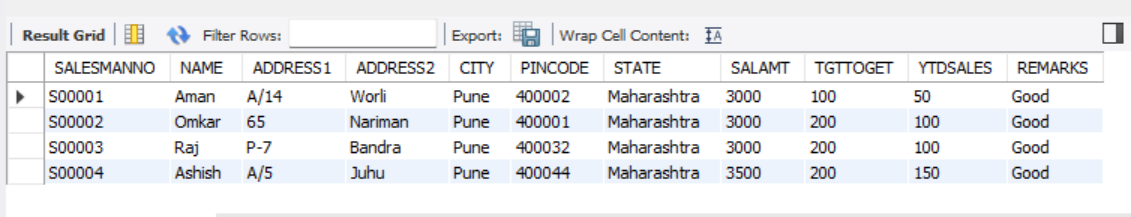


4.d) Before:

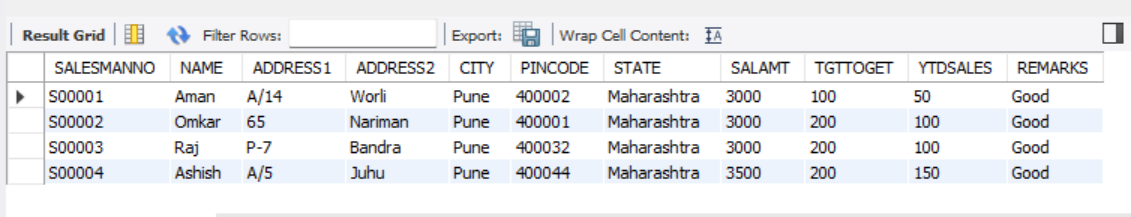


update salesman\_master set City='Pune';



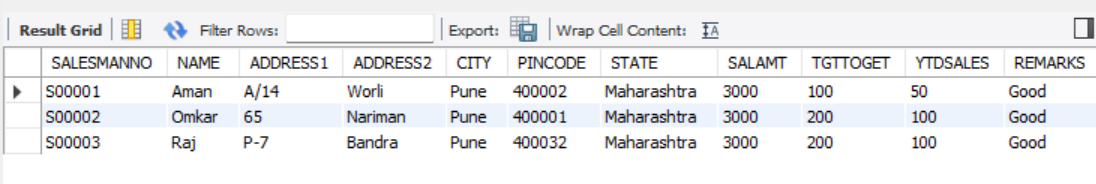


5.a) Before:

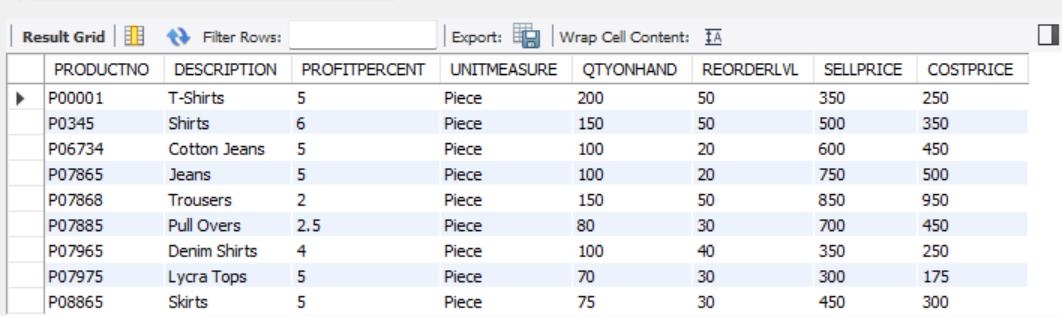


delete from salesman\_master where SALAMT=3500;



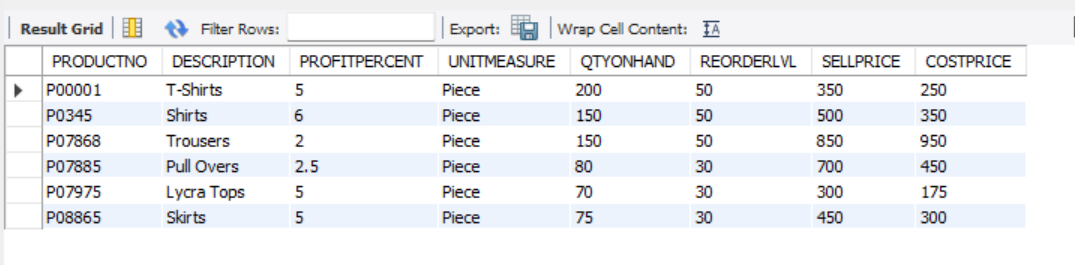


5.B)Before:

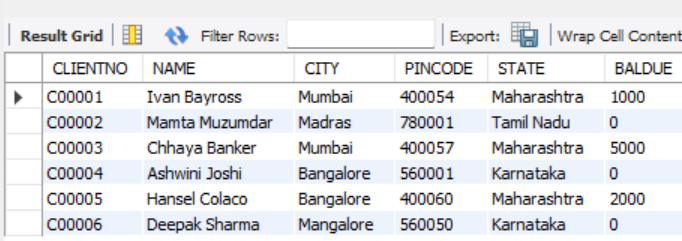


delete from product\_master where QTYONHAND=100;



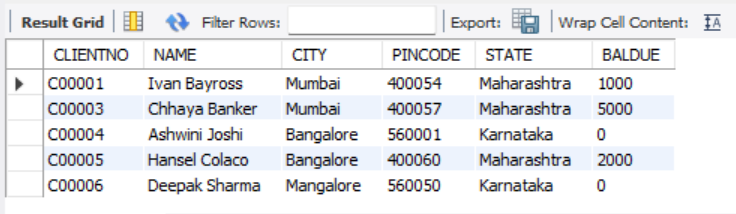


5.c)Before:

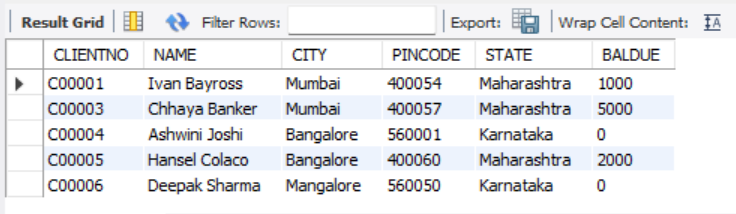


delete from client\_master where STATE='Tamil Nadu';



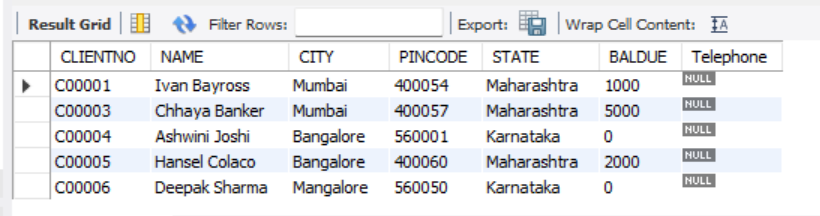


6.a)Before:

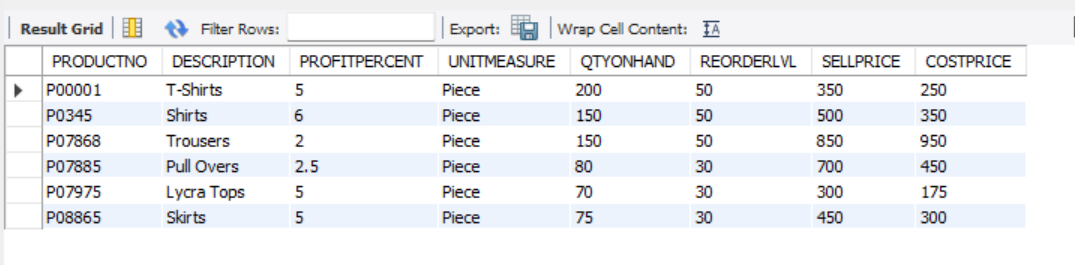


alter table client\_master add Telephone integer (10);



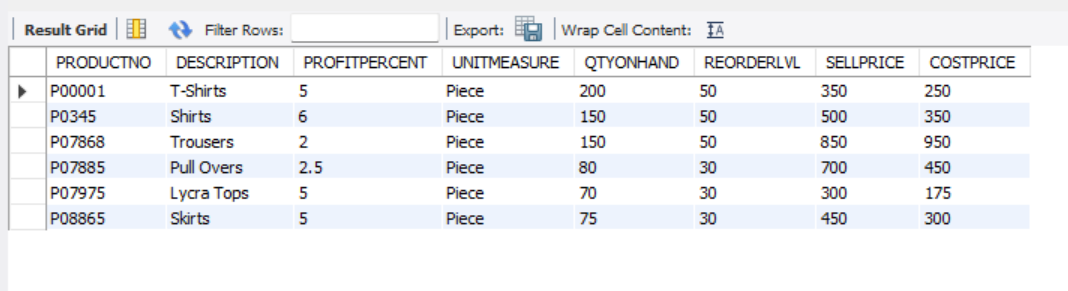


6.b)Before:

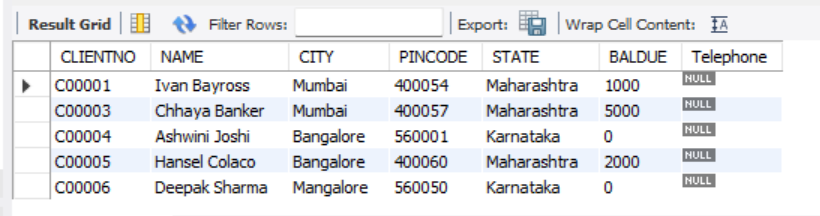


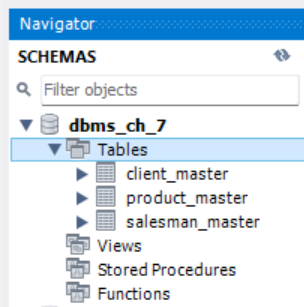
alter table product\_master modify SELLPRICE integer(10);





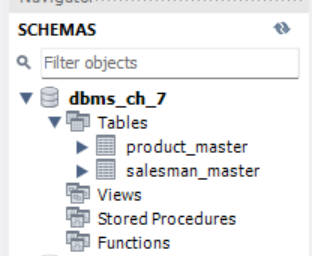
7.a)Before:



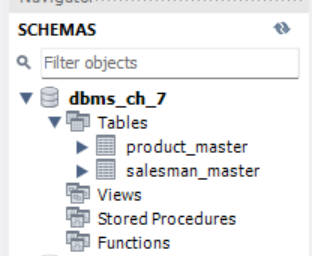


drop table client\_master;



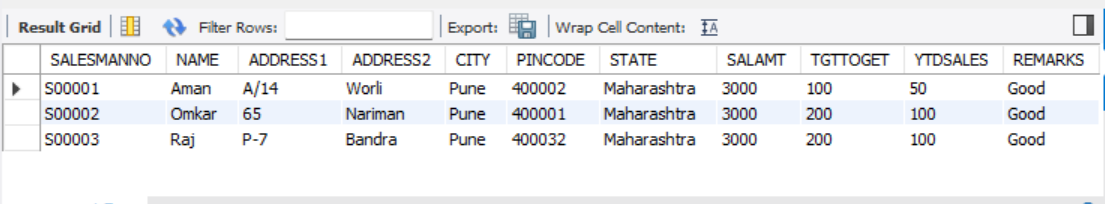


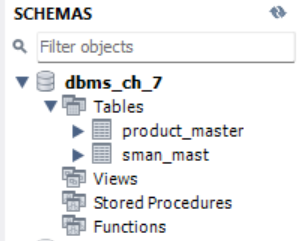
8.a)Before:



alter table salesman\_master rename to sman\_mast;







-- Create Database

create DATABASE DBMS\_CH\_7;

USE DBMS\_CH\_7;

-- Create Table CLIENT\_MASTER 1 NO

create table CLIENT\_MASTER(

CLIENTNO Varchar(6),

NAME Varchar(20),

ADDRESS1 Varchar(30),

ADDRESS2 Varchar(30),

CITY Varchar(15),

PINCODE numeric(8),

STATE Varchar(15),

BALDUE Numeric(10,2)

);

-- Create Table PRODUCT\_MASTER 1 no

create table PRODUCT\_MASTER(

PRODUCTNO Varchar(6),

DESCRIPTION Varchar(15),

PROFITPERCENT Numeric(4,2),

UNITMEASURE Varchar(10),

QTYONHAND Numeric(8),

REORDERLVL Numeric(8),

SELLPRICE Numeric(8,2),

COSTPRICE Numeric(8,2)

);

-- Create Table SALESMAN\_MASTER 1 no

create table SALESMAN\_MASTER(

SALESMANNO Varchar(6),

SALESMANNAME Varchar(20),

ADDRESS1 Varchar(30),

ADDRESS2 Varchar(30),

CITY Varchar(20),

PINCODE Numeric(8),

STATE Varchar(20),

SALAMT Numeric(8,2),

TGTTOGET Numeric(6,2),

YTDSALES Numeric(6,2),

REMARKS Varchar(60)

);

-- Create Table CLIENT\_MASTER 2 N0 VALUE INSERT JONNO

create table CLIENT\_MASTER(

CLIENTNO Varchar(6),

NAME Varchar(20),

CITY Varchar(15),

PINCODE integer(8),

STATE Varchar(15),

BALDUE integer(10)

);

-- Insert Value in CLIENT\_MASTER Table

INSERT INTO CLIENT\_MASTER(CLIENTNO,NAME,CITY,PINCODE,STATE,BALDUE) VALUES('C00001','Ivan Bayross','Mumbai',400054,'Maharashtra',15000);

INSERT INTO CLIENT\_MASTER(CLIENTNO,NAME,CITY,PINCODE,STATE,BALDUE) VALUES('C00002','Mamta Muzumdar','Madras',780001,'Tamil Nadu',0);

INSERT INTO CLIENT\_MASTER(CLIENTNO,NAME,CITY,PINCODE,STATE,BALDUE) VALUES('C00003','Chhaya Banker','Mumbai',400057,'Maharashtra',5000);

INSERT INTO CLIENT\_MASTER(CLIENTNO,NAME,CITY,PINCODE,STATE,BALDUE) VALUES('C00004','Ashwini Joshi','Bangalore',560001,'Karnataka',0);

INSERT INTO CLIENT\_MASTER(CLIENTNO,NAME,CITY,PINCODE,STATE,BALDUE) VALUES('C00005','Hansel Colaco','Mumbai',400060,'Maharashtra',2000);

INSERT INTO CLIENT\_MASTER(CLIENTNO,NAME,CITY,PINCODE,STATE,BALDUE) VALUES('C00006','Deepak Sharma','Mangalore',560050,'Karnataka',0);

-- Show Data From Table

select \* From CLIENT\_MASTER;

-- Create Table PRODUCT\_MASTER 2 no value insert jonno

create table PRODUCT\_MASTER(

PRODUCTNO Varchar(6),

DESCRIPTION Varchar(15),

PROFITPERCENT float(4),

UNITMEASURE Varchar(10),

QTYONHAND integer(8),

REORDERLVL integer(8),

SELLPRICE integer(8),

COSTPRICE float(8)

);

-- Insert Value in PRODUCT\_MASTER Table

INSERT INTO PRODUCT\_MASTER(PRODUCTNO,DESCRIPTION,PROFITPERCENT,UNITMEASURE,QTYONHAND,REORDERLVL,SELLPRICE,COSTPRICE) VALUES('P00001','T-Shirts',5,'Piece',200,50,350,250);

INSERT INTO PRODUCT\_MASTER(PRODUCTNO,DESCRIPTION,PROFITPERCENT,UNITMEASURE,QTYONHAND,REORDERLVL,SELLPRICE,COSTPRICE) VALUES('P0345','Shirts',6,'Piece',150,50,500,350);

INSERT INTO PRODUCT\_MASTER(PRODUCTNO,DESCRIPTION,PROFITPERCENT,UNITMEASURE,QTYONHAND,REORDERLVL,SELLPRICE,COSTPRICE) VALUES('P06734','Cotton Jeans',5,'Piece',100,20,600,450);

INSERT INTO PRODUCT\_MASTER(PRODUCTNO,DESCRIPTION,PROFITPERCENT,UNITMEASURE,QTYONHAND,REORDERLVL,SELLPRICE,COSTPRICE) VALUES('P07865','Jeans',5,'Piece',100,20,750,500);

INSERT INTO PRODUCT\_MASTER(PRODUCTNO,DESCRIPTION,PROFITPERCENT,UNITMEASURE,QTYONHAND,REORDERLVL,SELLPRICE,COSTPRICE) VALUES('P07868','Trousers',2,'Piece',150,50,850,550);

INSERT INTO PRODUCT\_MASTER(PRODUCTNO,DESCRIPTION,PROFITPERCENT,UNITMEASURE,QTYONHAND,REORDERLVL,SELLPRICE,COSTPRICE) VALUES('P07885','Pull Overs',2.5,'Piece',80,30,700,450);

INSERT INTO PRODUCT\_MASTER(PRODUCTNO,DESCRIPTION,PROFITPERCENT,UNITMEASURE,QTYONHAND,REORDERLVL,SELLPRICE,COSTPRICE) VALUES('P07965','Denim Shirts',4,'Piece',100,40,350,250);

INSERT INTO PRODUCT\_MASTER(PRODUCTNO,DESCRIPTION,PROFITPERCENT,UNITMEASURE,QTYONHAND,REORDERLVL,SELLPRICE,COSTPRICE) VALUES('P07975','Lycra Tops',5,'Piece',70,30,300,175);

INSERT INTO PRODUCT\_MASTER(PRODUCTNO,DESCRIPTION,PROFITPERCENT,UNITMEASURE,QTYONHAND,REORDERLVL,SELLPRICE,COSTPRICE) VALUES('P08865','Skirts',5,'Piece',75,30,450,300);

-- Show Data From Table

select \* From PRODUCT\_MASTER;

-- Create Table SALESMAN\_MASTER 1 no

create table SALESMAN\_MASTER(

SALESMANNO Varchar(6),

NAME Varchar(20),

ADDRESS1 Varchar(30),

ADDRESS2 Varchar(30),

CITY Varchar(20),

PINCODE integer(8),

STATE Varchar(20),

SALAMT integer(8),

TGTTOGET integer(6),

YTDSALES integer(6),

REMARKS Varchar(60)

);

-- Insert Value in SALESMAN\_MASTER Table

INSERT INTO SALESMAN\_MASTER(SALESMANNO,NAME,ADDRESS1,ADDRESS2,CITY,PINCODE,STATE,SALAMT,TGTTOGET,YTDSALES,REMARKS) VALUES('S00001','Aman','A/14','Worli','Mumbai',400002,'Maharashtra',3000,100,50,'Good');

INSERT INTO SALESMAN\_MASTER(SALESMANNO,NAME,ADDRESS1,ADDRESS2,CITY,PINCODE,STATE,SALAMT,TGTTOGET,YTDSALES,REMARKS) VALUES('S00002','Omkar','65','Nariman','Mumbai',400001,'Maharashtra',3000,200,100,'Good');

INSERT INTO SALESMAN\_MASTER(SALESMANNO,NAME,ADDRESS1,ADDRESS2,CITY,PINCODE,STATE,SALAMT,TGTTOGET,YTDSALES,REMARKS) VALUES('S00003','Raj','P-7','Bandra','Mumbai',400032,'Maharashtra',3000,200,100,'Good');

INSERT INTO SALESMAN\_MASTER(SALESMANNO,NAME,ADDRESS1,ADDRESS2,CITY,PINCODE,STATE,SALAMT,TGTTOGET,YTDSALES,REMARKS) VALUES('S00004','Ashish','A/5','Juhu','Mumbai',400044,'Maharashtra',3500,200,150,'Good');

-- Show Data From Table

select \* From SALESMAN\_MASTER;

-- 3.a

select Name from client\_master;

-- 3.b

select \* from client\_master;

-- 3.c

select Name,City,State from client\_master;

-- 3.d

select Description from product\_master;

-- 3.e

select \* from client\_master where City='Mumbai';

-- 3.f

select Name from SALESMAN\_master where SALAMT=3000;

-- 4.a

update client\_master set City='Bangalore' where CLIENTNO='C00005';

select \* From CLIENT\_MASTER;

-- 4.b

update client\_master set BALDUE=1000 where CLIENTNO='C00001';

select \* From CLIENT\_MASTER;

-- 4.c

update product\_master set COSTPRICE=950.00 where DESCRIPTION='Trousers';

select \* From product\_MASTER;

-- 4.d

update salesman\_master set City='Pune';

select \* From salesman\_MASTER;

-- 5.a

delete from salesman\_master where SALAMT=3500;

select \* From salesman\_MASTER;

-- 5.b

delete from product\_master where QTYONHAND=100;

select \* From product\_master;

-- 5.c

delete from client\_master where STATE='Tamil Nadu';

select \* From client\_master;

-- 6.a

alter table client\_master add Telephone integer (10);

select \* From client\_master;

-- 6.b

alter table product\_master modify SELLPRICE integer(10);

select \* From product\_master;

-- 7.a

drop table client\_master;

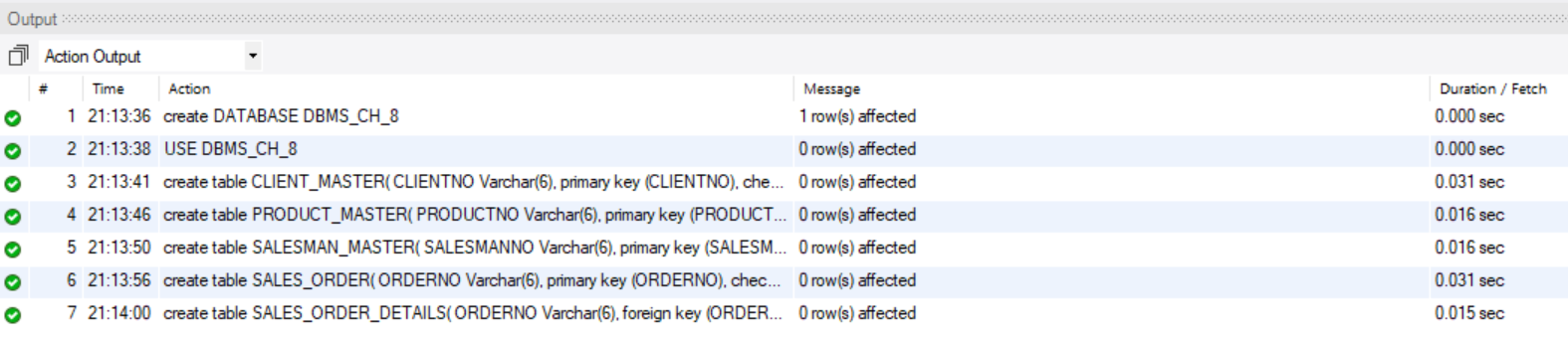
-- 8.a

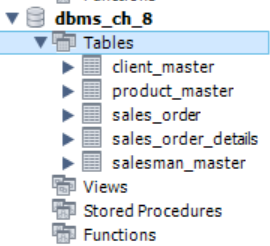
alter table salesman\_master rename to sman\_mast;

select \* From sman\_mast;

Chapter-8

1.





-- Create Database

create DATABASE DBMS\_CH\_8;

USE DBMS\_CH\_8;

-- Create Table CLIENT\_MASTER 1 NO

create table CLIENT\_MASTER(

CLIENTNO Varchar(6),

primary key (CLIENTNO),

check (CLIENTNO like 'C%'),

NAME Varchar(20) not null,

ADDRESS1 Varchar(30),

ADDRESS2 Varchar(30),

CITY Varchar(15),

PINCODE numeric(8),

STATE Varchar(15),

BALDUE Numeric(10,2)

);

-- Create Table PRODUCT\_MASTER 1 no

create table PRODUCT\_MASTER(

PRODUCTNO Varchar(6),

primary key (PRODUCTNO),

check (PRODUCTNO like 'P%'),

DESCRIPTION Varchar(15) not null,

PROFITPERCENT Numeric(4,2) not null,

UNITMEASURE Varchar(10) not null ,

QTYONHAND Numeric(8) not null,

REORDERLVL Numeric(8) not null,

SELLPRICE Numeric(8,2) not null,

check (SELLPRICE !=0),

COSTPRICE Numeric(8,2) not null,

check (COSTPRICE !=0)

);

-- Create Table SALESMAN\_MASTER 1 no

create table SALESMAN\_MASTER(

SALESMANNO Varchar(6),

primary key (SALESMANNO),

check (SALESMANNO like 'S%'),

SALESMANNAME Varchar(20) NOT NULL,

ADDRESS1 Varchar(30) not null,

ADDRESS2 Varchar(30),

CITY Varchar(20),

PINCODE Numeric(8),

STATE Varchar(20),

SALAMT Numeric(8,2) not null,

check (SALAMT !=0),

TGTTOGET Numeric(6,2) not null,

check (TGTTOGET !=0),

YTDSALES Numeric(6,2) not null,

REMARKS Varchar(60)

);

-- Create Table SALES\_ORDER 1 no

create table SALES\_ORDER(

ORDERNO Varchar(6),

primary key (ORDERNO),

check (ORDERNO like 'O%'),

CLIENTNO Varchar(6),

foreign key (CLIENTNO) references CLIENT\_MASTER (CLIENTNO),

ORDERDATE date not null,

DELYADDR Varchar(25),

SALESMANNO Varchar(6),

foreign key (SALESMANNO) references SALESMAN\_MASTER(SALESMANNO),

DELYTYPE Char(1) default 'F',

check(DELYTYPE in ('P','F')),

BILLYN Char(1),

DELYDATE date,

check (DELYDATE < ORDERDATE),

ORDERSTATUS Varchar(10),

check (ORDERSTATUS in ('In Process','Fulfilled','BackOrder','Cancelled'))

);

-- Create Table SALES\_ORDER\_DETAILS 1 no

create table SALES\_ORDER\_DETAILS(

ORDERNO Varchar(6),

foreign key (ORDERNO) references SALES\_ORDER (ORDERNO),

PRODUCTNO Varchar(6),

foreign key (PRODUCTNO) references PRODUCT\_MASTER(PRODUCTNO),

QTYORDERED Varchar(6),

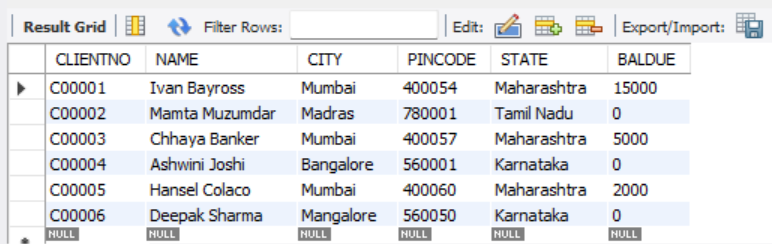
QTYDISP Numeric(8),

PRODUCTRATE Numeric(10)

);

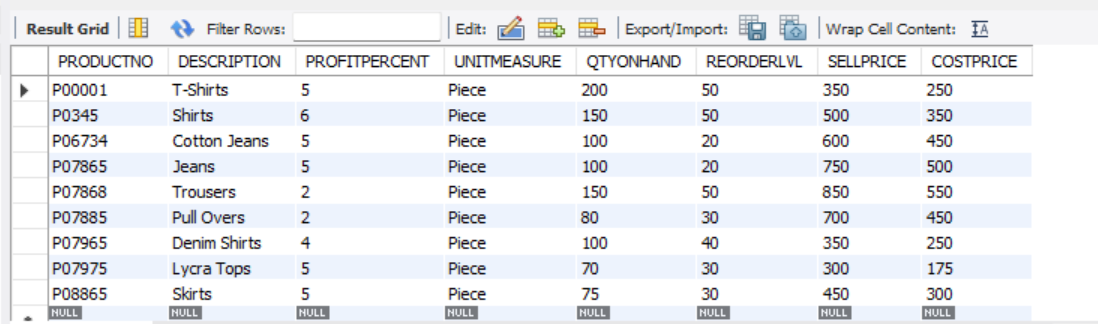
2.a) insert into CLIENT\_MASTER select \* from DBMS\_CH\_7.CLIENT\_MASTER;





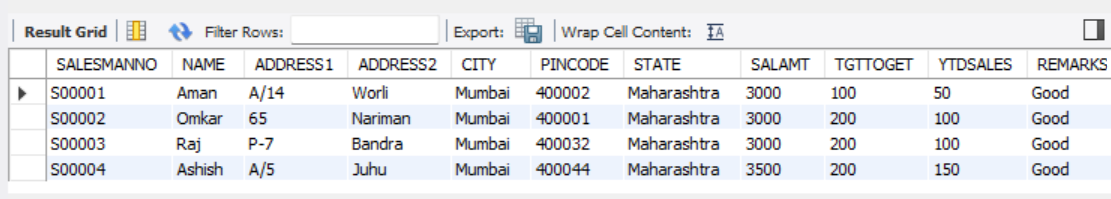
insert into PRODUCT\_MASTER select \* from DBMS\_CH\_7.PRODUCT\_MASTER;



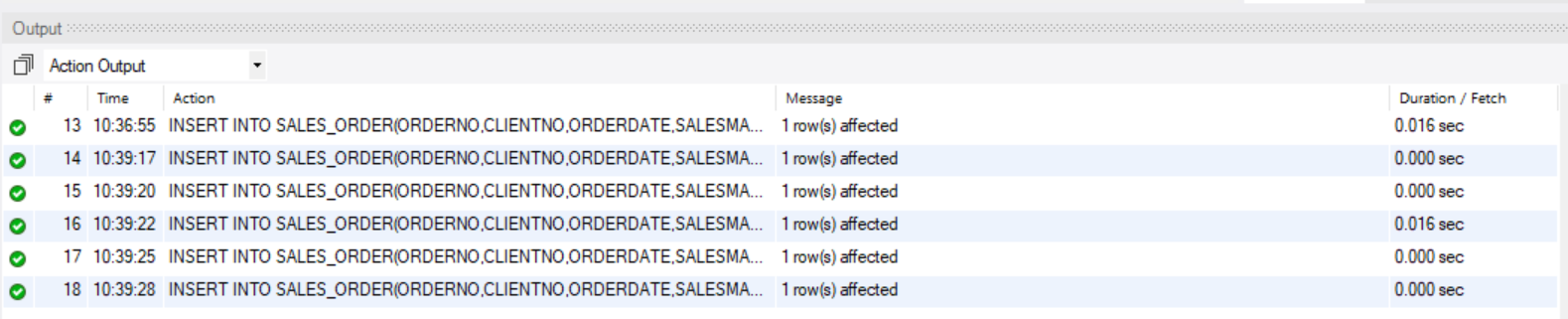


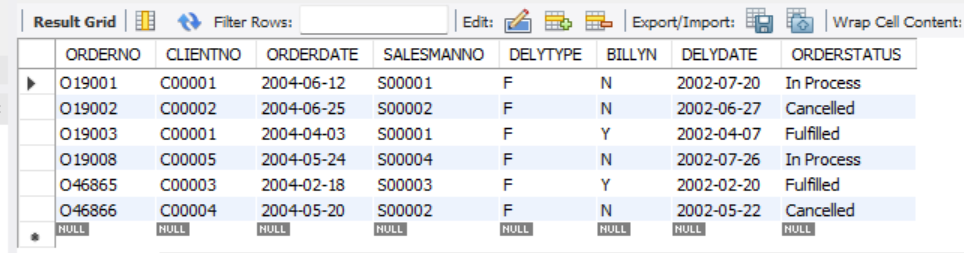
insert into SALESMAN\_MASTER select \* from DBMS\_CH\_7.SALESMAN\_MASTER;





2.b)





create table SALES\_ORDER(

ORDERNO Varchar(6),

primary key (ORDERNO),

check (ORDERNO like 'O%'),

CLIENTNO Varchar(6),

foreign key (CLIENTNO) references CLIENT\_MASTER (CLIENTNO),

ORDERDATE date not null,

SALESMANNO Varchar(6),

foreign key (SALESMANNO) references SALESMAN\_MASTER(SALESMANNO),

DELYTYPE Char(1) default 'F',

check(DELYTYPE in ('P','F')),

BILLYN Char(1),

DELYDATE date,

check (DELYDATE < ORDERDATE),

ORDERSTATUS Varchar(10),

check (ORDERSTATUS in ('In Process','Fulfilled','BackOrder','Cancelled'))

);

INSERT INTO SALES\_ORDER(ORDERNO,CLIENTNO,ORDERDATE,SALESMANNO,DELYTYPE,BILLYN,DELYDATE,ORDERSTATUS) VALUES('O19001','C00001',str\_to\_date('12-June-04','%d-%M-%y'),'S00001','F','N',str\_to\_date('20-July-02','%d-%M-%y'),'In Process');

INSERT INTO SALES\_ORDER(ORDERNO,CLIENTNO,ORDERDATE,SALESMANNO,DELYTYPE,BILLYN,DELYDATE,ORDERSTATUS) VALUES('O19002','C00002',str\_to\_date('25-June-04','%d-%M-%y'),'S00002','F','N',str\_to\_date('27-June-02','%d-%M-%y'),'Cancelled');

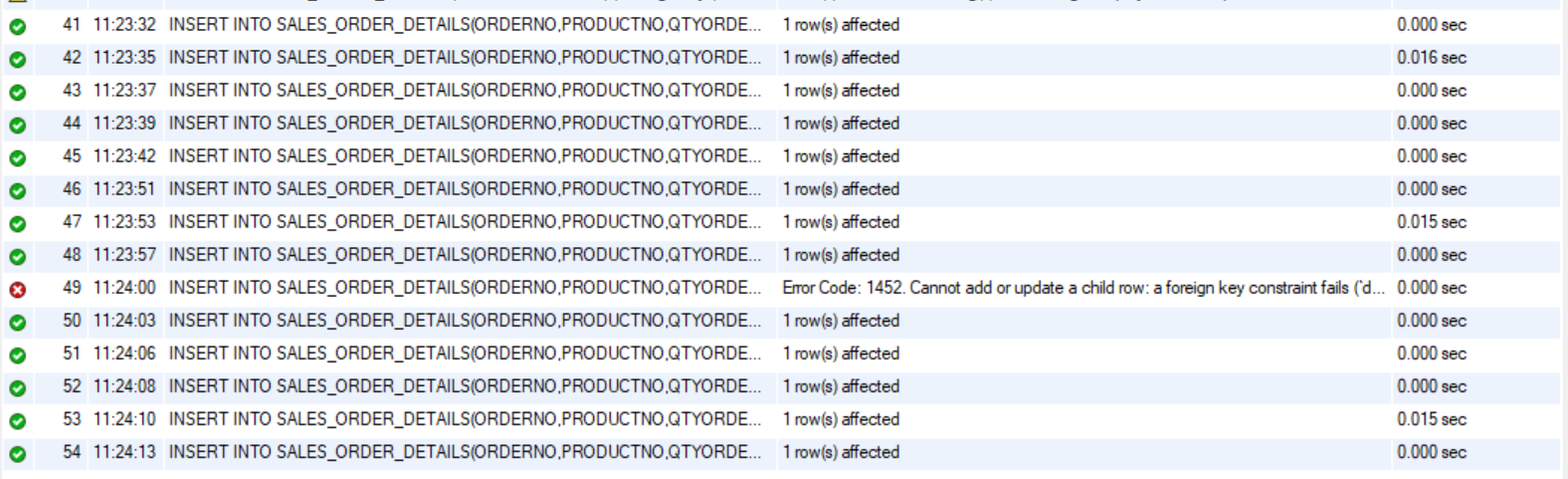
INSERT INTO SALES\_ORDER(ORDERNO,CLIENTNO,ORDERDATE,SALESMANNO,DELYTYPE,BILLYN,DELYDATE,ORDERSTATUS) VALUES('O46865','C00003',str\_to\_date('18-Feb-04','%d-%M-%y'),'S00003','F','N',str\_to\_date('20-Feb-02','%d-%M-%y'),'Fulfilled');

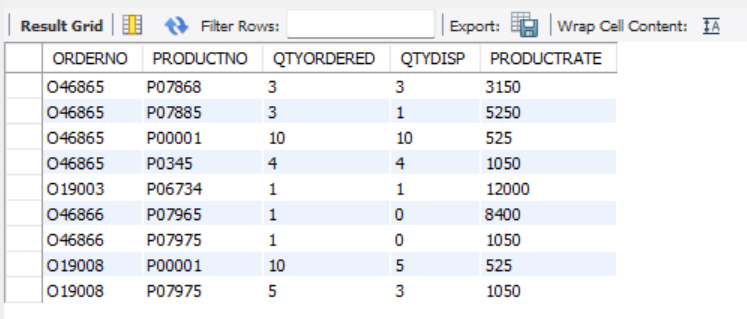
INSERT INTO SALES\_ORDER(ORDERNO,CLIENTNO,ORDERDATE,SALESMANNO,DELYTYPE,BILLYN,DELYDATE,ORDERSTATUS) VALUES('O19003','C00001',str\_to\_date('03-Apr-04','%d-%M-%y'),'S00001','F','N',str\_to\_date('07-Apr-02','%d-%M-%y'),'Fulfilled');

INSERT INTO SALES\_ORDER(ORDERNO,CLIENTNO,ORDERDATE,SALESMANNO,DELYTYPE,BILLYN,DELYDATE,ORDERSTATUS) VALUES('O46866','C00004',str\_to\_date('20-May-04','%d-%M-%y'),'S00002','F','N',str\_to\_date('22-May-02','%d-%M-%y'),'Cancelled');

INSERT INTO SALES\_ORDER(ORDERNO,CLIENTNO,ORDERDATE,SALESMANNO,DELYTYPE,BILLYN,DELYDATE,ORDERSTATUS) VALUES('O19008','C00005',str\_to\_date('24-May-04','%d-%M-%y'),'S00004','F','N',str\_to\_date('26-July-02','%d-%M-%y'),'In Process');

2.c)





-- Create Table SALES\_ORDER\_DETAILS 1 no

create table SALES\_ORDER\_DETAILS(

ORDERNO Varchar(6),

foreign key (ORDERNO) references SALES\_ORDER (ORDERNO),

PRODUCTNO Varchar(6),

foreign key (PRODUCTNO) references PRODUCT\_MASTER(PRODUCTNO),

QTYORDERED Varchar(6),

QTYDISP integer(8),

PRODUCTRATE integer(10)

);

INSERT INTO SALES\_ORDER\_DETAILS(ORDERNO,PRODUCTNO,QTYORDERED ,QTYDISP,PRODUCTRATE) VALUES('O19001','P00001',4,4,525);

INSERT INTO SALES\_ORDER\_DETAILS(ORDERNO,PRODUCTNO,QTYORDERED ,QTYDISP,PRODUCTRATE) VALUES('O19001','P07965',2,1,8400);

INSERT INTO SALES\_ORDER\_DETAILS(ORDERNO,PRODUCTNO,QTYORDERED ,QTYDISP,PRODUCTRATE) VALUES('O19001','P07885',2,1,5250);

INSERT INTO SALES\_ORDER\_DETAILS(ORDERNO,PRODUCTNO,QTYORDERED ,QTYDISP,PRODUCTRATE) VALUES('O19002','P00001',10,0,525);

INSERT INTO SALES\_ORDER\_DETAILS(ORDERNO,PRODUCTNO,QTYORDERED ,QTYDISP,PRODUCTRATE) VALUES('O46865','P07868',3,3,3150);

INSERT INTO SALES\_ORDER\_DETAILS(ORDERNO,PRODUCTNO,QTYORDERED ,QTYDISP,PRODUCTRATE) VALUES('O46865','P07885',3,1,5250);

INSERT INTO SALES\_ORDER\_DETAILS(ORDERNO,PRODUCTNO,QTYORDERED ,QTYDISP,PRODUCTRATE) VALUES('O46865','P00001',10,10,525);

INSERT INTO SALES\_ORDER\_DETAILS(ORDERNO,PRODUCTNO,QTYORDERED ,QTYDISP,PRODUCTRATE) VALUES('O46865','P0345',4,4,1050);

INSERT INTO SALES\_ORDER\_DETAILS(ORDERNO,PRODUCTNO,QTYORDERED ,QTYDISP,PRODUCTRATE) VALUES('O19003','P03453',2,2,1050);

INSERT INTO SALES\_ORDER\_DETAILS(ORDERNO,PRODUCTNO,QTYORDERED ,QTYDISP,PRODUCTRATE) VALUES('O19003','P06734',1,1,12000);

INSERT INTO SALES\_ORDER\_DETAILS(ORDERNO,PRODUCTNO,QTYORDERED ,QTYDISP,PRODUCTRATE) VALUES('O46866','P07965',1,0,8400);

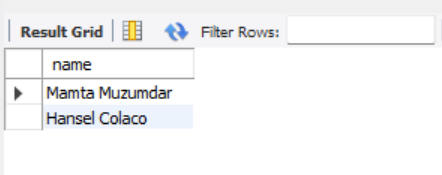
INSERT INTO SALES\_ORDER\_DETAILS(ORDERNO,PRODUCTNO,QTYORDERED ,QTYDISP,PRODUCTRATE) VALUES('O46866','P07975',1,0,1050);

INSERT INTO SALES\_ORDER\_DETAILS(ORDERNO,PRODUCTNO,QTYORDERED ,QTYDISP,PRODUCTRATE) VALUES('O19008','P00001',10,5,525);

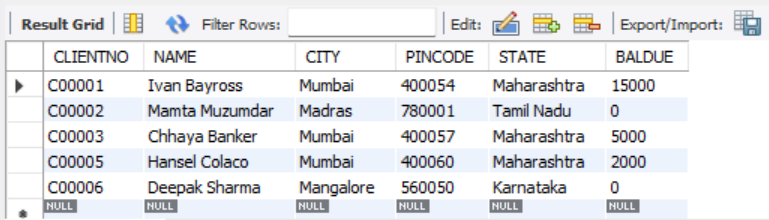
INSERT INTO SALES\_ORDER\_DETAILS(ORDERNO,PRODUCTNO,QTYORDERED ,QTYDISP,PRODUCTRATE) VALUES('O19008','P07975',5,3,1050);

Chapter-9

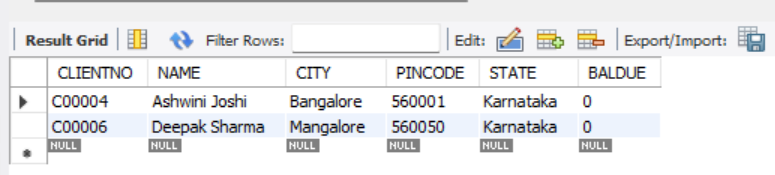
1.a) select name from client\_master where name like '\_a%';



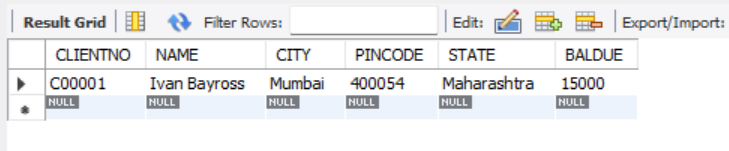
1.b) select \* from client\_master where city like 'M%';



1.c) select \* from client\_master where city='Bangalore' or city='Mangalore';



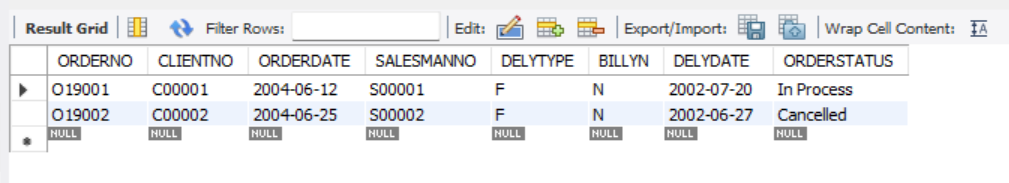
1.d) select \* from client\_master where baldue>10000;



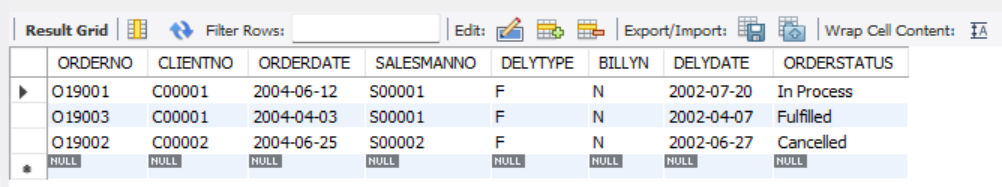
1.e) select \* from sales\_order where ORDERDATE like '\_\_\_\_\_06\_\_\_';

Or

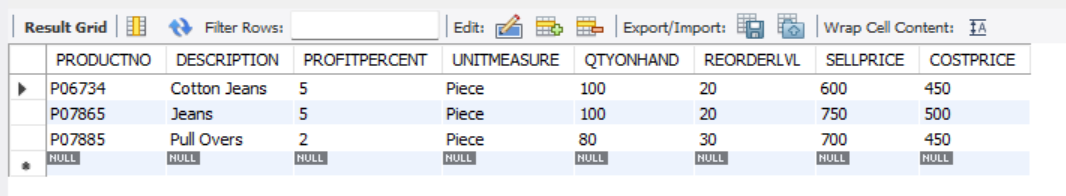
select \* from sales\_order where monthname(orderdate)='June';



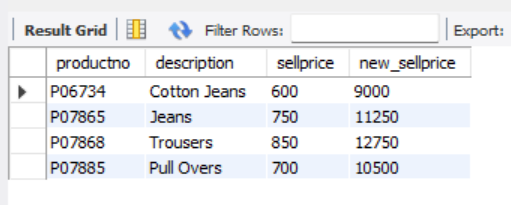
1.f) select \* from sales\_order where clientno in ('C00001','C00002');



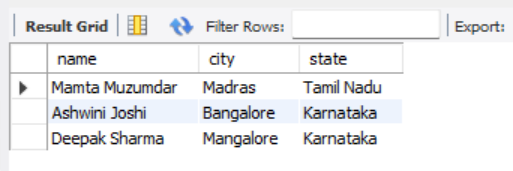
1.g) select \* from product\_master where sellprice>500 and SELLPRICE<=750;



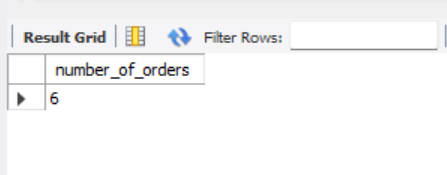
1.h) select productno,description,sellprice,sellprice\*15 new\_sellprice from product\_master where sellprice>500;



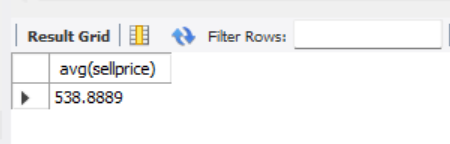
1.i) select name,city,state from client\_master where state not in ('Maharashtra');



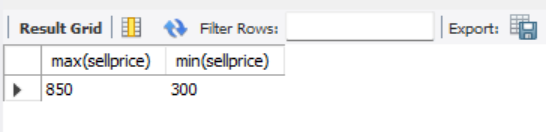
1.j) select count(orderno) as number\_of\_orders from sales\_order;



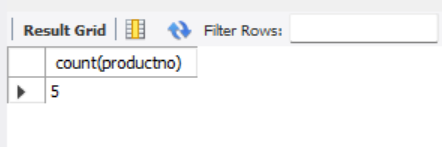
1.k) select avg(sellprice) from product\_master;



1.l) select max(sellprice),min(sellprice) from product\_master;



1.m) select count(productno) from product\_master where SELLPRICE>=500;



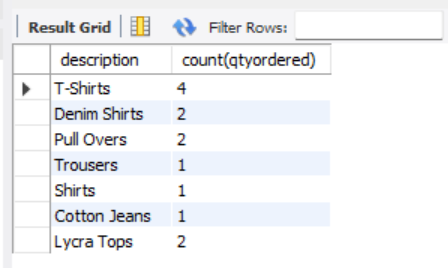
1.n) select \* from product\_master where qtyonhand<reorderlvl;



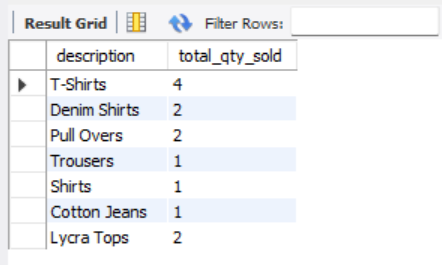
2.a)

Chapter-10

1.a) select description,count(qtyordered) from product\_master,sales\_order\_details where sales\_order\_details.PRODUCTNO=product\_master.productno group by description;

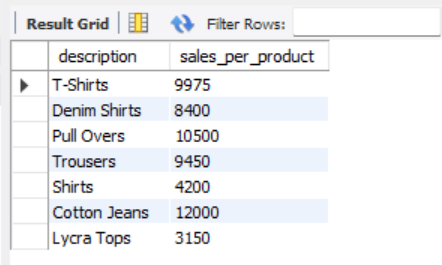


Ashraf:

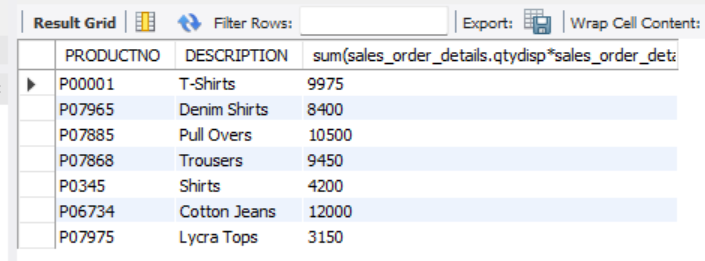


select description,count(qtyordered) as total\_qty\_sold from sales\_order\_details as sod ,product\_master as pm where sod.productno=pm.productno group by description;

1.b) Ashraf:

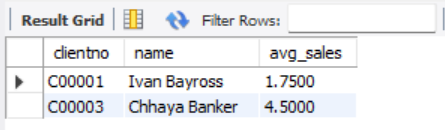


select description , sum(sod.qtydisp\*sod.productrate) as sales\_per\_product from sales\_order\_details as sod ,product\_master as pm where sod.productno=pm.productno group by sod.productno, pm.description;

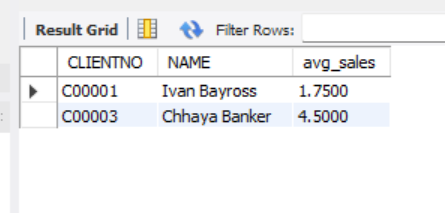


select sales\_order\_details.PRODUCTNO,product\_master.DESCRIPTION,sum(sales\_order\_details.qtydisp\*sales\_order\_details.productrate) from sales\_order\_details,product\_master where sales\_order\_details.PRODUCTNO=product\_master.productno group by sales\_order\_details.productno, product\_master.description;

1.c) ashraf



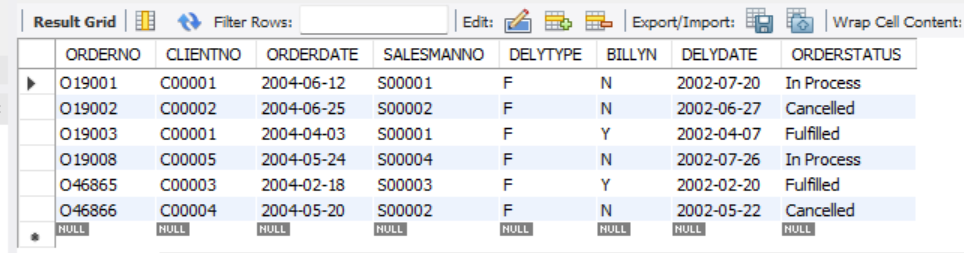
select cm.clientno,cm.name,avg(sod.qtydisp) as avg\_sales from sales\_order\_details as sod , sales\_order as so , client\_master where client\_master.clientno=sales\_order.clientno and sales\_order.orderno =sales\_order\_details.orderno group by cm.clientno,name having max(sod.qtyordered\*sod.productrate)>15000;



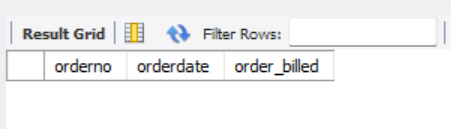
select client\_master.CLIENTNO,client\_master.NAME,avg(sales\_order\_details.qtydisp) as avg\_sales from sales\_order\_details, sales\_order, client\_master where client\_master.clientno=sales\_order.clientno and sales\_order.orderno = sales\_order\_details.orderno

group by client\_master.clientno,name having max(sales\_order\_details.qtyordered\*sales\_order\_details.productrate)>15000;

sales order table ta



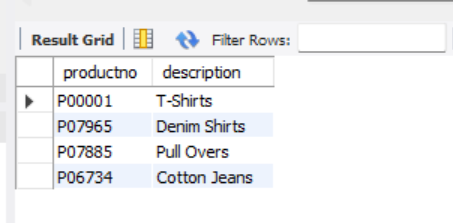
1.d)



select so.orderno,so.orderdate,sum(sod.qtyordered\*sod.productrate) as order\_billed from sales\_order as so ,sales\_order\_details as sod where sod.orderno = so.orderno and so.billyn='Y'

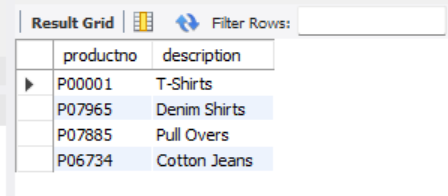
and MONTHNAME(orderdate) = 'June' group by so.orderno;

2.a) ashraf



select sod.productno,pm.description from product\_master as pm join sales\_order\_details as sod on pm.productno = sod.productno join sales\_order as so on so.orderno=sod.orderno join client\_master as cm on

cm.clientno = so.clientno and cm.name='Ivan Bayross';



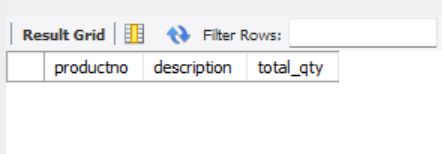
select sales\_order\_details.productno,product\_master.description from product\_master join sales\_order\_details on product\_master .productno = sales\_order\_details.productno join sales\_order on sales\_order.orderno=sales\_order\_details.orderno join client\_master on

client\_master.clientno = sales\_order.clientno and client\_master.name='Ivan Bayross';

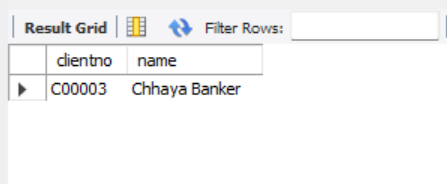
2.b) ashraf

select sod.productno,pm.description,sum(sod.qtyordered) as total\_qty from product\_master as pm join sales\_order\_details as sod on pm.productno=sod.productno join sales\_order as so on so.orderno = sod.orderno

where MONTHNAME(so.delydate)= MONTHNAME(CURDATE()) group by sod.productno,pm.description;



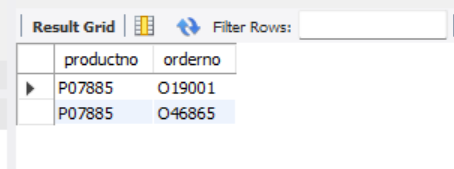
2.d) ashraf



select distinct so.clientno,cm.name from product\_master as pm join sales\_order\_details as sod on pm.productno=sod.productno join sales\_order as so on so.orderno = sod.orderno join

client\_master as cm on cm.clientno = so.clientno where pm.description="Trousers";

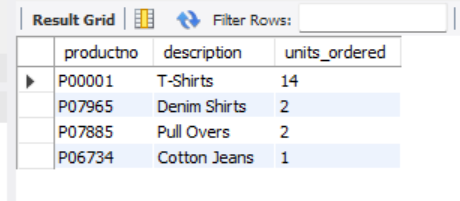
2.e) ashraf



select sod.productno,sod.orderno from product\_master as pm join sales\_order\_details as sod on pm.productno=sod.productno join sales\_order as so on so.orderno = sod.orderno

where sod.qtyordered<5 and pm.description="Pull Overs";

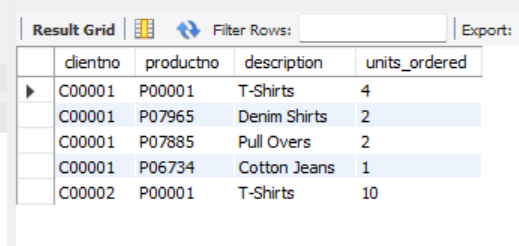
2.f) ashraf



select sod.productno,pm.description,sum(sod.qtyordered) as units\_ordered from product\_master as pm join sales\_order\_details as sod on pm.productno=sod.productno join sales\_order as so on so.orderno = sod.orderno

join client\_master as cm on cm.clientno = so.clientno where (cm.name="Ivan Bayross" or cm.name="Mamta Muzumdar") group by sod.productno , pm.description;

2.g) ashraf

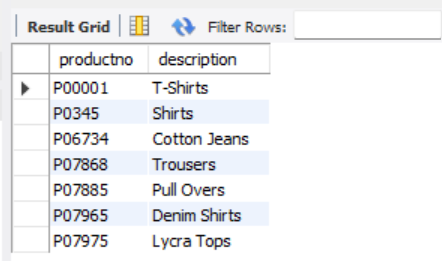


select so.clientno,sod.productno,pm.description,sum(sod.qtyordered) as units\_ordered from product\_master as pm join sales\_order\_details as sod on pm.productno=sod.productno join sales\_order as so on so.orderno = sod.orderno

join client\_master as cm on cm.clientno = so.clientno group by so.clientno,sod.productno , pm.description having so.clientno='C00001' or so.clientno='C00002';

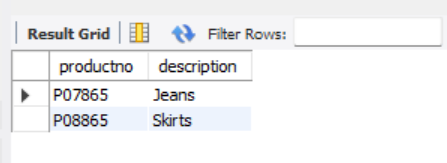
select productno,description from product\_master where productno Not In(select productno from sales\_order\_details);

2.c)ashraf



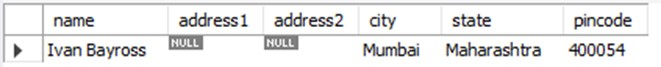
select distinct pm.productno,pm.description from sales\_order\_details as sod join product\_master as pm on pm.productno=sod.productno;

3.a) ashraf



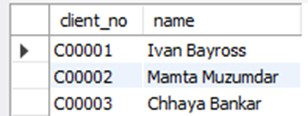
select productno,description from product\_master where productno Not In(select productno from sales\_order\_details);

3.b) ashraf



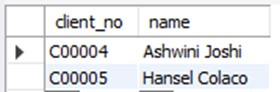
select name,address1,address2,city,state,pincode from client\_master where client\_no In(select client\_no from sales\_order where order\_no='O19001');

3.c)



select client\_no,name from client\_master where client\_no In(select client\_no from sales\_order where DATE\_FORMAT(order\_date ,'%M-%y')<'May-02');

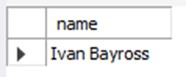
3.d)



select client\_no,name from client\_master where client\_no In(select client\_no from sales\_order where order\_no In(select order\_no from sales\_order\_details where product\_no

 In(select product\_no from product\_master where description ='Lycra Tops')));

3.e)



 select name from client\_master where client\_no In(select client\_no from sales\_order where order\_no In(select order\_no from sales\_order\_details where (qty\_ordered\*product\_rate)>=10000));

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