1.1.1

select staff\_name as name\_of\_staffs ,

design\_code as designation\_code\_of\_staffs

from staff\_master where hiredate<'01-jan-03'

and staff\_sal between 12000 and 25000

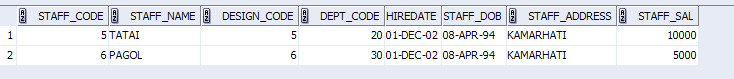


1.1.3

select STAFF\_CODE,STAFF\_NAME,DESIGN\_CODE,DEPT\_CODE,HIREDATE,STAFF\_DOB,STAFF\_ADDRESS,STAFF\_SAL

FROM STAFF\_MASTER

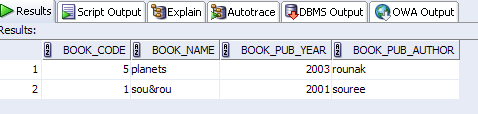
WHERE MGR\_CODE is null



1.1.4

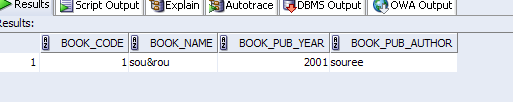
select \* from BOOK\_MASTER

WHERE BOOK\_PUB\_YEAR BETWEEN 2001 AND 2004



SELECT \* FROM BOOK\_MASTER

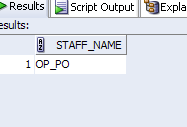
WHERE BOOK\_NAME LIKE '%&%';



1.1.5

SELECT STAFF\_NAME FROM STAFF\_MASTER

WHERE STAFF\_NAME LIKE '%\\_%' ESCAPE '\';



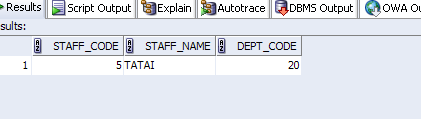
1.1.2

SELECT STAFF\_CODE,STAFF\_NAME,DEPT\_CODE

FROM STAFF\_MASTER

WHERE months\_between(sysdate,HIREDATE)/12>18

ORDER BY months\_between(sysdate,HIREDATE) DESC;

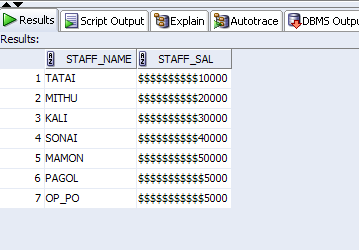


2.1.1

SELECT STAFF\_NAME,

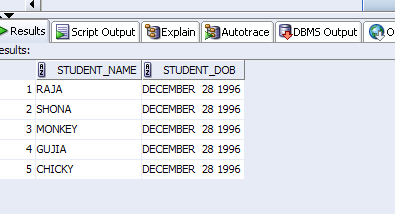
LPAD(STAFF\_SAL, 15, '$') STAFF\_SAL

FROM STAFF\_MASTER;



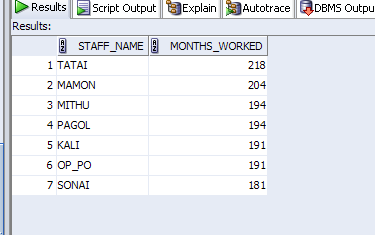
2.1.2

SELECT STUDENT\_NAME,TO\_CHAR(STUDENT\_DOB,'MONTH DD YYYY') AS STUDENT\_DOB FROM STUDENT\_MASTER WHERE TO\_CHAR(STUDENT\_DOB,'DAY') LIKE ('%SATURDAY%') OR TO\_CHAR(STUDENT\_DOB,'DAY') LIKE ('%SUNDAY%') ;



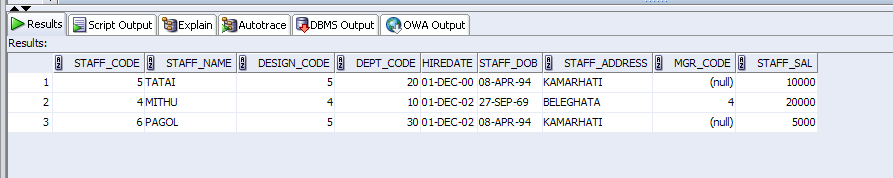
2.1.3

SELECT STAFF\_NAME,ROUND(MONTHS\_BETWEEN(SYSDATE,HIREDATE)) AS MONTHS\_WORKED FROM STAFF\_MASTER ORDER BY MONTHS\_WORKED DESC;



2.1.4

SELECT \* FROM STAFF\_MASTER WHERE TO\_CHAR(HIREDATE,'DD') BETWEEN 1 AND 15 AND TO\_CHAR(HIREDATE,'MONTH') LIKE '%DECEMBER%' ;



2.1.5

SELECT STAFF\_NAME,STAFF\_SAL,

CASE

WHEN STAFF\_SAL >=50000 THEN 'A'

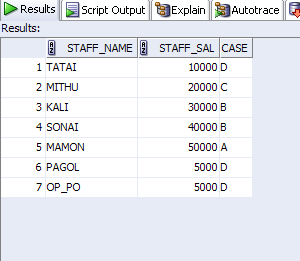
WHEN STAFF\_SAL >25000 AND STAFF\_SAL<50000 THEN 'B'

WHEN STAFF\_SAL >10000 AND STAFF\_SAL<25000 THEN 'C'

ELSE 'D'

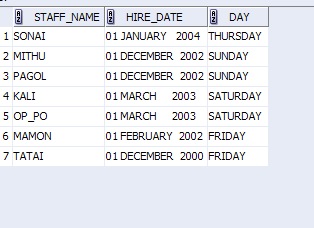
END CASE

FROM STAFF\_MASTER;



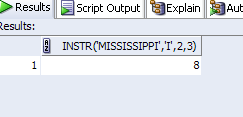
2.1.6

SELECT STAFF\_NAME,TO\_CHAR(HIREDATE,'DD MONTH YYYY') AS HIRE\_DATE,TO\_CHAR(HIREDATE,'DAY')AS DAY FROM STAFF\_MASTER ORDER BY TO\_CHAR(HIREDATE,'DAY') DESC;



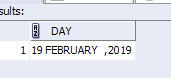
2.1.7

SELECT INSTR('Mississippi','i',2,3) FROM DUAL;



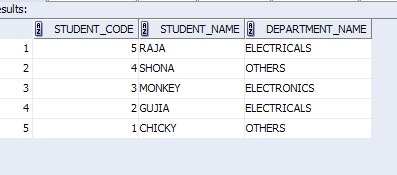
2.1.8

SELECT TO\_CHAR(NEXT\_DAY(SYSDATE,'TUESDAY'),'DD MONTH ,YYYY') AS DAY FROM DUAL WHERE NEXT\_DAY(SYSDATE,'TUESDAY')<LAST\_DAY(SYSDATE) ;



2.1.9

SELECT STUDENT\_CODE,STUDENT\_NAME,DECODE(DEPT\_CODE,20,'ELECTRICALS',30,'ELECTRONICS','OTHERS') DEPARTMENT\_NAME FROM STUDENTMASTER;



3.1

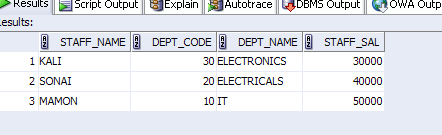
SELECT S.STAFF\_NAME,D.DEPT\_CODE,D.DEPT\_NAME,S.STAFF\_SAL

FROM STAFF\_MASTER S,

DEPARTMENT\_MASTER D

WHERE S.DEPT\_CODE=D.DEPT\_CODE

AND STAFF\_SAL >20000;



3.2

SELECT S.STAFF\_CODE AS STAFF# ,

S.STAFF\_NAME AS STAFF,

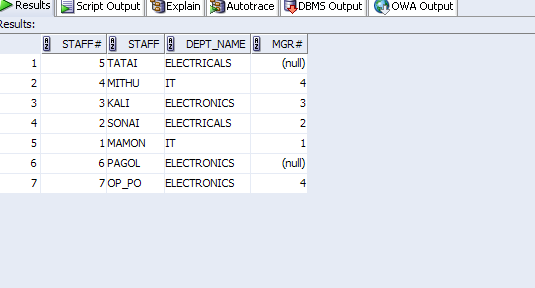
D.DEPT\_NAME,

S.MGR\_CODE AS MGR#

FROM STAFF\_MASTER S,

DEPARTMENT\_MASTER D

WHERE S.DEPT\_CODE=D.DEPT\_CODE;



3.3

SELECT S.STUDENT\_CODE,

S.STUDENT\_NAME,

B.BOOK\_CODE,

BB.BOOK\_NAME

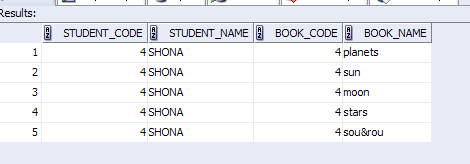
FROM STUDENT\_MASTER S,

BOOK\_TRANSACTIONS B,

BOOK\_MASTER BB

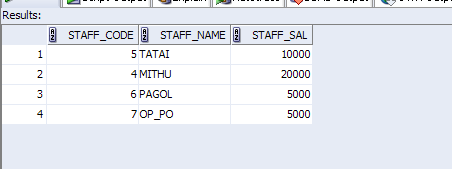
WHERE S.STUDENT\_CODE=B.STUDENT\_CODE

AND TO\_CHAR(B.BOOK\_EXPECTED\_RETURN\_DATE,'DD MM YYYY') LIKE TO\_CHAR(SYSDATE,'DD MM YYYY');

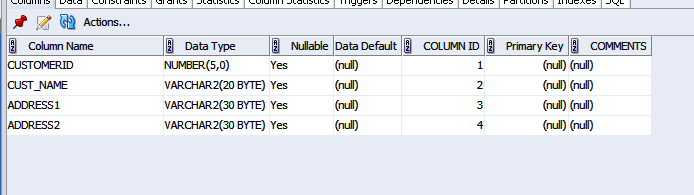


3.6

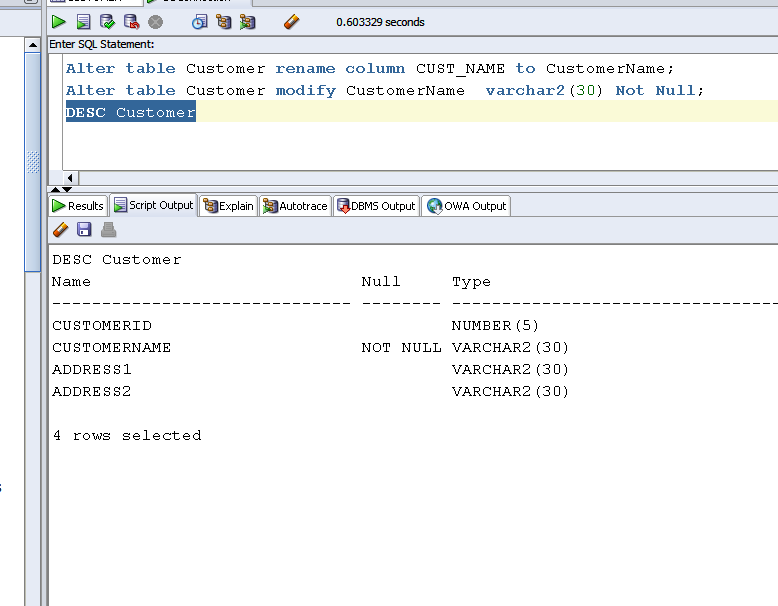
SELECT Staff\_Code, Staff\_Name,STAFF\_SAL FROM STAFF\_MASTER WHERE STAFF\_SAL<(SELECT AVG(STAFF\_SAL) FROM STAFF\_MASTER);



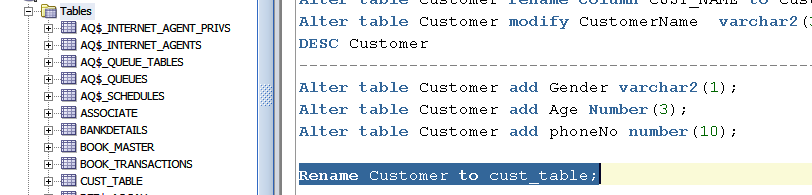
4.1



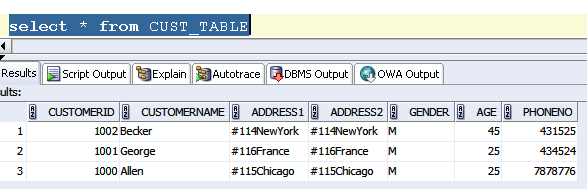
4.2



4.3(a)(b)



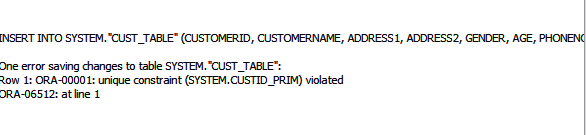
4.4



4.5

Alter table CUST\_TABLE add constraints Custid\_prim PRIMARY KEY (CUSTOMERID);

4.6



4.9

ALTER TABLE CUST\_TABLE

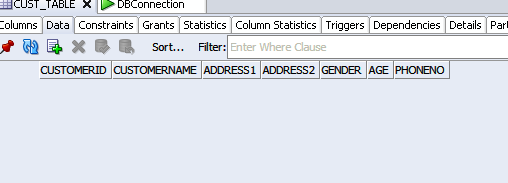
DROP PRIMARY KEY

Insert into CUST\_TABLE VALUES(1002, 'Becker', '#114 New York', '#114 New york' , 'M', 45,431525);

Insert into CUST\_TABLE VALUES(1003, 'Nanapatekar', '#115 India', '#115 India' , 'M', 45, 431525);

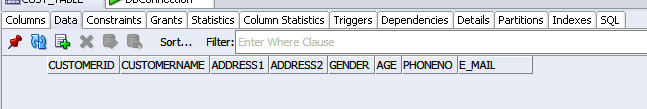
4.10

TRUNCATE table cust\_table;



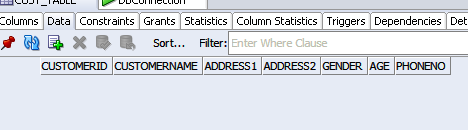
4.11

Alter table CUST\_TABLE add e\_mail varchar2(30);



4.12

Alter table CUST\_TABLE DROP COLUMN E\_MAIL;



4.13

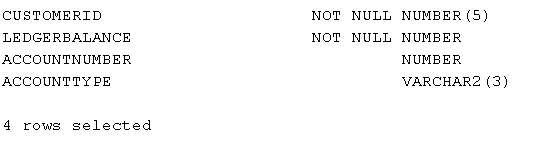
create table Suppliers as select(CUSTOMERID as SuppID, CUSTOMERNAME as SName,ADDRESS1 as Addr1,ADDRESS2 as Addr2,PHONENO as ContactNo);

from CUST\_TABLE;



4.15

Create table AccountsMaster(customerId number(5),AccountNumber number(10) primary key(acno),AccountType char(3),LedgerBalance number(10) Not Null);



4.16

Alter table ACCOUNTMASTER ADD constraint CUST\_ACC FOREIGN KEY(customerid) REFERENCES CUST\_TABLE(customerid);

4.18

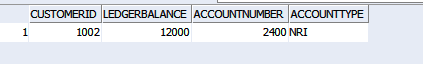
alter table ACCOUNTMASTER add constraint ck\_ac check(ACCOUNTTYPE='NRI' or ACCOUNTTYPE='IND');

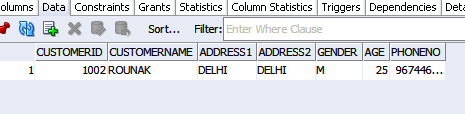
4.19

alter table ACCOUNTMASTER add constraint Balance\_check CHECK(LEDGERBALANCE > 5000);

4.20

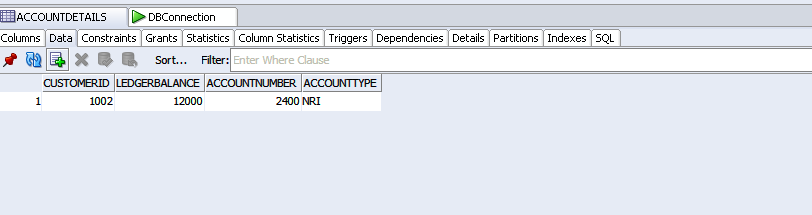
Delete from ACCOUNTMASTER,CUST\_TABLE where CUSTOMERID=1001;





4.21

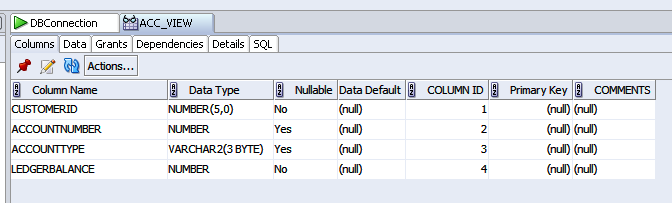
Create table AccountDetails as select \* from ACCOUNTMASTER;



4.22

CREATE VIEW Acc\_view AS SELECT(CUSTOMERID,CUSTOMERNAME,ACCOUNTNUMBER,ACCOUNTTYPE,LEDGERBALANCE)

from AccountMaster;



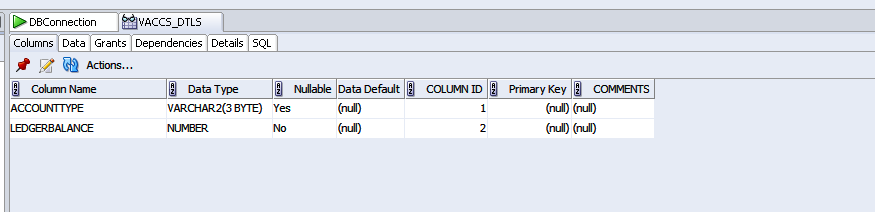
4.23

CREATE VIEW vAccs\_Dtls

AS SELECT ACCOUNTTYPE,LEDGERBALANCE

from ACCOUNTMASTER

where ACCOUNTTYPE = 'IND' and LEDGERBALANCE< 10000;



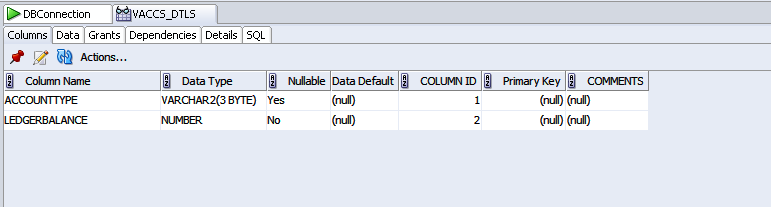
4.24

CREATE VIEW accsvw10

AS SELECT ACCOUNTTYPE,LEDGERBALANCE

from ACCOUNTMASTER

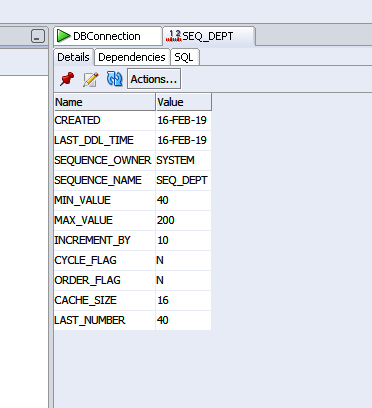
where ACCOUNTTYPE = 'IND' and LEDGERBALANCE< 10000;



4.25

CREATE sequence SEQ\_DEPT minvalue 40 start with 40

increment by 10 MAX VALUE 200 cache 40;



4.26

insert into department\_master values(seq\_dept.NEXTVAL,'MARKETING','NEW DELHI');

insert into department\_master values(seq\_dept.NEXTVAL,'SALES','chennai');

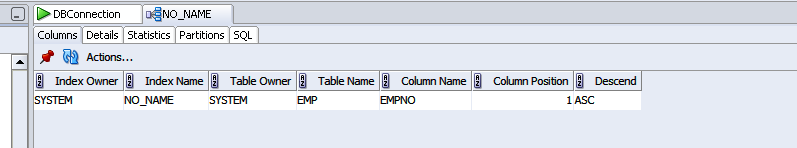
insert into department\_master values(seq\_dept.NEXTVAL,'RESEARCH','BOSTON');

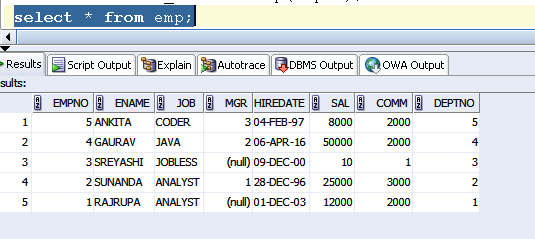
4.27

DROP sequence seq\_dept;

4.28

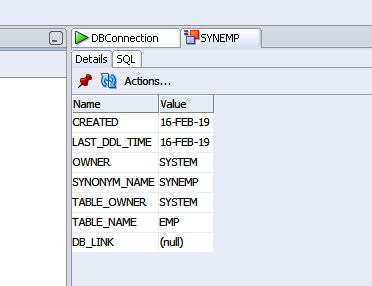
CREATE INDEX no\_name on emp(empno);





4.29

create SYNONYM synemp for emp;



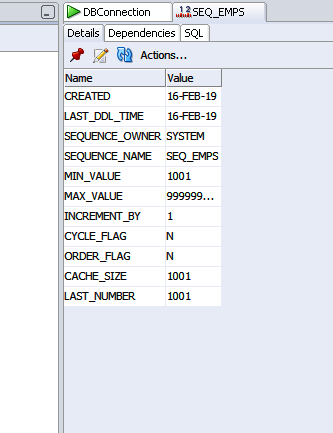
4.30

CREATE INDEX IDX\_EMP\_HIREDATE on emp(HIREDATE);

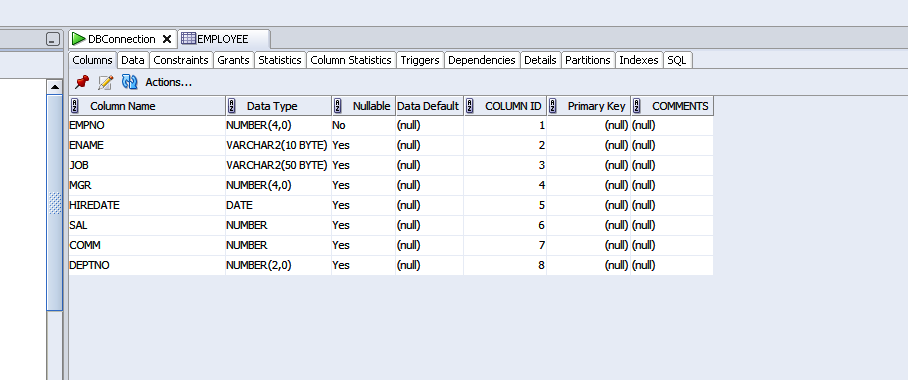
4.32

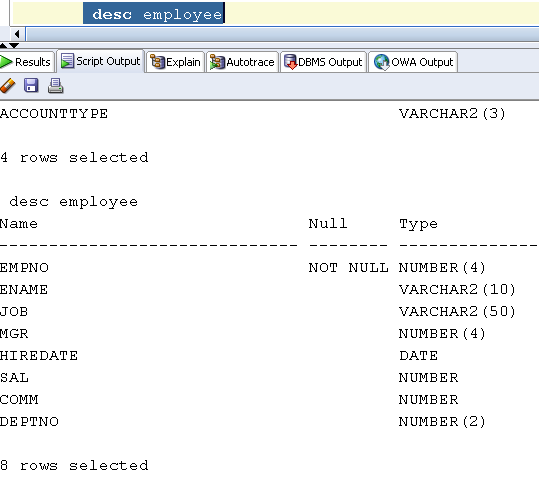
CREATE sequence SEQ\_EMP minvalue 1001 start with 1001

increment by 1 cache 1001;

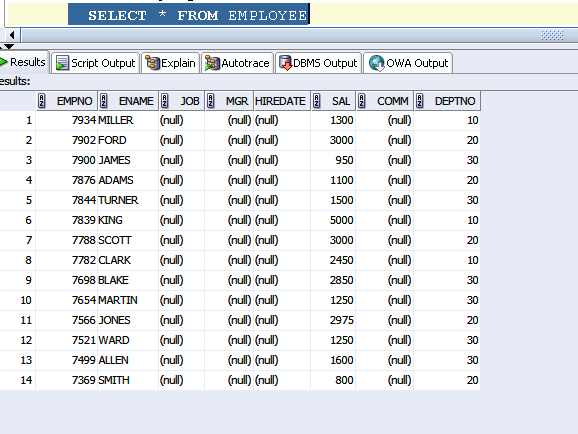


5.1





5.2



5.3

update table EMPLOYEE

set JOB=(select JOB from EMPLOYEE where EMPNO=7788, DEPTNO=(select DEPTNO from EMPLOYEE where EMPNO=7788)

where empno=7698;

5.4

delete from employee where departmentname like '%sales%'

5.5

update table employee set deptno=(select deptno from employee where deptno=7788) where deptno=7698;

5.6

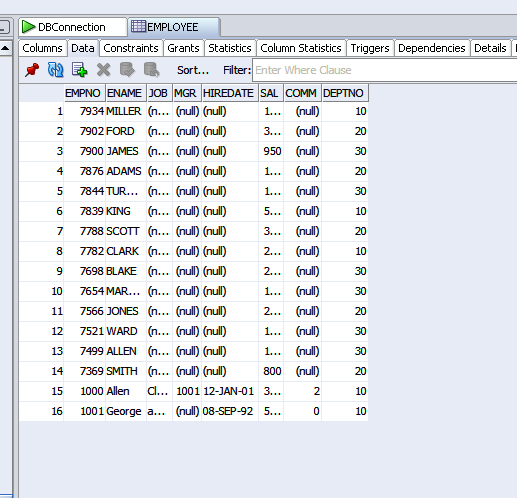
insert into employee (empno,ename,job,mgr,hiredate,sal,comm,deptno)

values (1000,'Allen', 'Clerk',1001,'12-jan-01', 3000, 2,10);

insert into employee (empno,ename,job,mgr,hiredate,sal,comm,deptno) values (1001,'George', 'analyst', null, '08 Sep 92', 5000,0, 10);

insert into employee (empno,ename,job,mgr,hiredate,sal,comm,deptno) values (1002, 'Becker', 'Manager', 1000, '4 Nov 92', 2800,4, 20);

insert into employee (empno,ename,job,mgr,hiredate,sal,comm,deptno) values (1003, 'Bill', 'Clerk', 1002, '4 Nov 92',3000, 0, 20);



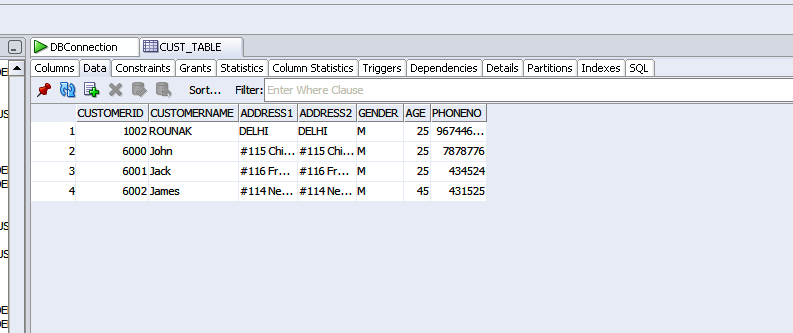
6.1

insert into cust\_table (customerid,customername,address1,address2,gender,age,phoneno)

values ( 6000, 'John', '#115 Chicago', '#115 Chicago', 'M', 25, 7878776);

insert into cust\_table (customerid,customername,address1,address2,gender,age,phoneno) values (6001, 'Jack', '#116 France', '#116 France', 'M', 25, 434524);

insert into cust\_table (customerid,customername,address1,address2,gender,age,phoneno) values (6002, 'James', '#114 New York', '#114 New York', 'M', 45, 431525);



6.2

insert into cust\_table (customerid,customername,address1,address2,gender,age,phoneno)

values ( 6000, 'John', '#115 Chicago', '#115 Chicago', 'M', 25, 7878776);

insert into cust\_table (customerid,customername,address1,address2,gender,age,phoneno) values (6001, 'Jack', '#116 France', '#116 France', 'M', 25, 434524);

insert into cust\_table (customerid,customername,address1,address2,gender,age,phoneno) values (6002, 'James', '#114 New York', '#114 New York', 'M', 45, 431525);

savepoint p1;

6.3

insert into customermaster (customerid,customername,address1,address2,gender,age,phoneno) values ( 6003, ‘John’, ‘#114 Chicago’, ‘#114 Chicago’, ‘M’, 45, 439525);

6.4

rollback p1;