**PROGRAM 1.EMPLOYEE DATABASE**

**1.CREATE A TABLE FOR EMPLOYEE DETAILS:**

**create table employee(empno number primary key,**

**empname varchar2(20),**

**designation varchar2(30),**

**gender varchar2(6),**

**age number,**

**doj date,**

**salary number);**

**Table created.**

**2. DESCRIBE A TABLE:**

**SQL> desc employee;**

**Name Null? Type**

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

**EMPNO NOT NULL NUMBER**

**EMPNAME VARCHAR2(20)**

**DESIGNATION VARCHAR2(30)**

**GENDER VARCHAR2(6)**

**AGE NUMBER**

**DOJ DATE**

**SALARY NUMBER**

**3.INSERT A VALUES FOR A EMPLOYEE TABLE:**

**SQL> insert into employee values(&empno,'&empname','&designation','&gender',&age,'&doj',&salary);**

**Enter value for empno: 101**

**Enter value for empname: arjun**

**Enter value for designation: manager**

**Enter value for gender: male**

**Enter value for age: 30**

**Enter value for doj: 12-jan-2014**

**Enter value for salary: 35000**

**old 1: insert into employee values(&empno,'&empname','&designation','&gender',&age,'&doj',&salary)**

**new 1: insert into employee values(101,'arjun','manager','male',30,'12-jan-2014',35000)**

**1 row created.**

**SQL> /**

**Enter value for empno: 103**

**Enter value for empname: manoj**

**Enter value for designation: clerk**

**Enter value for gender: male**

**Enter value for age: 26**

**Enter value for doj: 28-mar-2015**

**Enter value for salary: 28000**

**old 1: insert into employee values(&empno,'&empname','&designation','&gender',&age,'&doj',&salary)**

**new 1: insert into employee values(103,'manoj','clerk','male',26,'28-mar-2015',28000)**

**1 row created.**

**SQL> /**

**Enter value for empno: 102**

**Enter value for empname: john**

**Enter value for designation: hr**

**Enter value for gender: male**

**Enter value for age: 32**

**Enter value for doj: 17-apr-2015**

**Enter value for salary: 30000**

**old 1: insert into employee values(&empno,'&empname','&designation','&gender',&age,'&doj',&salary)**

**new 1: insert into employee values(102,'john','hr','male',32,'17-apr-2015',30000)**

**1 row created.**

**SQL> /**

**Enter value for empno: 105**

**Enter value for empname: peter**

**Enter value for designation: marketing manager**

**Enter value for gender: male**

**Enter value for age: 35**

**Enter value for doj: 01-feb-2015**

**Enter value for salary: 35000**

**old 1: insert into employee values(&empno,'&empname','&designation','&gender',&age,'&doj',&salary)**

**new 1: insert into employee values(105,'peter','marketing manager','male',35,'01-feb-2015',35000)**

**1 row created.**

**SQL> /**

**Enter value for empno: 104**

**Enter value for empname: pooja**

**Enter value for designation: project developer**

**Enter value for gender: female**

**Enter value for age: 27**

**Enter value for doj: 14-apr-2015**

**Enter value for salary: 25000**

**old 1: insert into employee values(&empno,'&empname','&designation','&gender',&age,'&doj',&salary)**

**new 1: insert into employee values(104,'pooja','project developer','female',27,'14-apr-2015',25000**

**1 row created.**

**SQL> /**

**Enter value for empno: 107**

**Enter value for empname: aishu**

**Enter value for designation: tester**

**Enter value for gender: female**

**Enter value for age: 25**

**Enter value for doj: 20-jul-2015**

**Enter value for salary: 24000**

**old 1: insert into employee values(&empno,'&empname','&designation','&gender',&age,'&doj',&salary)**

**new 1: insert into employee values(107,'aishu','tester','female',25,'20-jul-2015',24000)**

**1 row created.**

**SQL> /**

**Enter value for empno: 108**

**Enter value for empname: yamuna**

**Enter value for designation: clerk**

**Enter value for gender: female**

**Enter value for age: 30**

**Enter value for doj: 11-jan-2015**

**Enter value for salary: 31000**

**old 1: insert into employee values(&empno,'&empname','&designation','&gender',&age,'&doj',&salary)**

**new 1: insert into employee values(108,'yamuna','clerk','female',30,'11-jan-2015',31000)**

**1 row created.**

**4.SELECT ALL THE ROWS FROM THE EMPLOYEE TABLE:**

**Sql>select \* from employee;**

**EMPNO EMPNAME DESIGNATION GENDER AGE DOJ SALARY**

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

**101 arjun manager male 30 12-JAN-14 35000**

**103 manoj clerk male 26 28-MAR-15 28000**

**102 john hr male 32 17-APR-15 30000**

**105 peter marketing manager male 35 01-FEB-15 35000**

**104 pooja project developer female 27 14-APR-15 25000**

**107 aishu tester female 25 20-JUL-15 24000**

**108 yamuna clerk female 30 11-JAN-15 31000**

**7 rows selected.**

**5.COMPARISON:**

**(i) SQL> select \* from employee where salary>30000;**

**EMPNO EMPNAME DESIGNATION GENDER AGE DOJ SALARY**

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

**101 arjun manager male 30 12-JAN-14 35000**

**105 peter marketing manager male 35 01-FEB-15 35000**

**108 yamuna clerk female 30 11-JAN-15 31000**

**(ii)** **SQL> select \* from employee where age between 25 and 30;**

**EMPNO EMPNAME DESIGNATION GENDER AGE DOJ SALARY**

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

**101 arjun manager male 30 12-JAN-14 35000**

**103 manoj clerk male 26 28-MAR-15 28000**

**104 pooja project developer female 27 14-APR-15 25000**

**107 aishu tester female 25 20-JUL-15 24000**

**108 yamuna clerk female 30 11-JAN-15 31000**

**(iii)** **SQL> select \* from employee where empname like '%a';**

**EMPNO EMPNAME DESIGNATION GENDER AGE DOJ SALARY**

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

**104 pooja project developer female 27 14-APR-15 25000**

**108 yamuna clerk female 30 11-JAN-15 31000**

**(iv)** **SQL> select \* from employee where salary in(35000,30000,28000);**

**EMPNO EMPNAME DESIGNATION GENDER AGE DOJ SALARY**

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

**101 arjun manager male 30 12-JAN-14 35000**

**103 manoj clerk male 26 28-MAR-15 28000**

**102 john hr male 32 17-APR-15 30000**

**105 peter marketing manager male 35 01-FEB-15 35000**

**(v) SQL>select \* from employee where empno=103;**

**EMPNO EMPNAME DESIGNATION GENDER AGE DOJ SALARY**

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

**103 manoj clerk male 26 28-MAR-15 28000**

**5.LOGICAL:**

**(i) SQL> select \* from employee where salary<50000 and salary>30000;**

**EMPNO EMPNAME DESIGNATION GENDER AGE DOJ SALARY**

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

**101 arjun manager male 30 12-JAN-14 35000**

**105 peter marketing manager male 35 01-FEB-15 35000**

**108 yamuna clerk female 30 11-JAN-15 31000**

**(ii)** **SQL> select \* from employee where designation='manager' or designation='admin';**

**EMPNO EMPNAME DESIGNATION GENDER AGE DOJ SALARY**

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

**101 arjun manager male 30 12-JAN-14 35000**

**(iii)** **SQL> select \* from employee where not salary<30000;**

**EMPNO EMPNAME DESIGNATION GENDER AGE DOJ SALARY**

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

**101 arjun manager male 30 12-JAN-14 35000**

**102 john hr male 32 17-APR-15 30000**

**105 peter marketing manager male 35 01-FEB-15 35000**

**108 yamuna clerk female 30 11-JAN-15 31000**

**4 rows selected.**

**6.SORTING:**

**(i)**  **SQL> select \* from employee order by empno;**

**EMPNO EMPNAME DESIGNATION GENDER AGE DOJ SALARY**

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

**101 arjun manager male 30 12-JAN-14 35000**

**102 john hr male 32 17-APR-15 30000**

**103 manoj clerk male 26 28-MAR-15 28000**

**104 pooja project developer female 27 14-APR-15 25000**

**105 peter marketing manager male 35 01-FEB-15 35000**

**107 aishu tester female 25 20-JUL-15 24000**

**108 yamuna clerk female 30 11-JAN-15 31000**

**7 rows selected.**

**(ii)**  **SQL> select \* from employee order by empno desc;**

**EMPNO EMPNAME DESIGNATION GENDER AGE DOJ SALARY**

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

**108 yamuna clerk female 30 11-JAN-15 31000**

**107 aishu tester female 25 20-JUL-15 24000**

**105 peter marketing manager male 35 01-FEB-15 35000**

**104 pooja project developer female 27 14-APR-15 25000**

**103 manoj clerk male 26 28-MAR-15 28000**

**102 john hr male 32 17-APR-15 30000**

**101 arjun manager male 30 12-JAN-14 35000**

**7 rows selected.**

**7.SET OPERATION:**

**(i)** **SQL> select \* from employee where salary>30000 union select \* from employee where age between 25 and 30;**

**EMPNO EMPNAME DESIGNATION GENDER AGE DOJ SALARY**

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

**101 arjun manager male 30 12-JAN-14 35000**

**103 manoj clerk male 26 28-MAR-15 28000**

**104 pooja project developer female 27 14-APR-15 25000**

**105 peter marketing manager male 35 01-FEB-15 35000**

**107 aishu tester female 25 20-JUL-15 24000**

**108 yamuna clerk female 30 11-JAN-15 31000**

**6 rows selected.**

**(ii)** **SQL> select \* from employee where salary>30000 union all select \* from employee where age between 25 and 30;**

**EMPNO EMPNAME DESIGNATION GENDER AGE DOJ SALARY**

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

**101 arjun manager male 30 12-JAN-14 35000**

**105 peter marketing manager male 35 01-FEB-15 35000**

**108 yamuna clerk female 30 11-JAN-15 31000**

**101 arjun manager male 30 12-JAN-14 35000**

**103 manoj clerk male 26 28-MAR-15 28000**

**104 pooja project developer female 27 14-APR-15 25000**

**107 aishu tester female 25 20-JUL-15 24000**

**108 yamuna clerk female 30 11-JAN-15 31000**

**8 rows selected.**

**(iii)** **SQL> select \* from employee where salary>30000 intersect select \* from employee where age between 25 and 30;**

**EMPNO EMPNAME DESIGNATION GENDER AGE DOJ SALARY**

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

**101 arjun manager male 30 12-JAN-14 35000**

**108 yamuna clerk female 30 11-JAN-15 31000**

**(iv)** **SQL> select \* from employee where salary>30000 minus select \* from employee where age between 25 and 30;**

**EMPNO EMPNAME DESIGNATION GENDER AGE DOJ SALARY**

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

**105 peter marketing manager male 35 01-FEB-15 35000**

**8.GROUP FUNCTION;**

**(i)** **SQL> select count(\*) from employee where gender='female';**

**COUNT(\*)**

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

**3**

**(ii)**  **SQL> select sum(salary) from employee;**

**SUM(SALARY)**

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

**208000**

**(iii)** **SQL> select avg(salary) from employee;**

**AVG(SALARY)**

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

**29714.2857**

**(iv)** **SQL> select max(salary) from employee;**

**MAX(SALARY)**

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

**35000**

**(v)** **SQL> select min(salary) from employee;**

**MIN(SALARY)**

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

**24000**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**PROGRAM2-LIBRARY MANAGEMENT**

**1. CREATE A LIBRARY MASTER TABLE:**

SQL> create table library\_master(accno number primary key,title varchar2(25),author varchar2(25),

2 rate number);

Table created.

**2. CREATE A LIBRARY TRANSACTION TABLE:**

SQL> create table library\_transaction(userid number,accno number references library\_master(accno),

2 date\_of\_issue date,

3 date\_of\_return date);

Table created.

**3.INSERT VALUES INTO LIBRARY\_MASTER TABLE:**

SQL> insert into library\_master values(&accno,'&title','&author',&rate);

Enter value for accno: 1001

Enter value for title: c programming

Enter value for author: balaguruswamy

Enter value for rate: 300

old 1: insert into library\_master values(&accno,'&title','&author',&rate)

new 1: insert into library\_master values(1001,'c programming',' balaguruswamy',300)

1 row created.

SQL> /

Enter value for accno: 1002

Enter value for title: c++ programming

Enter value for author: balaguru

Enter value for rate: 350

old 1: insert into library\_master values(&accno,'&title','&author',&rate)

new 1: insert into library\_master values(1002,'c++ programming','balaguru',350)

1 row created.

SQL> /

Enter value for accno: 1004

Enter value for title: data structure

Enter value for author: michael

Enter value for rate: 400

old 1: insert into library\_master values(&accno,'&title','&author',&rate)

new 1: insert into library\_master values(1004,'data structure','michael',400)

1 row created.

SQL> /

Enter value for accno: 1005

Enter value for title: oracle & RDBMS

Enter value for author: john peter

Enter value for rate: 320

old 1: insert into library\_master values(&accno,'&title','&author',&rate)

new 1: insert into library\_master values(1005,'oracle & RDBMS','john peter',320)

1 row created.

**4.SELECT ALL ROWS FROM LIBRARY\_MASTER**:

SQL> select \* from library\_master;

ACCNO TITLE AUTHOR RATE

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

1001 c programming balaguruswamy 300

1002 c++ programming balaguru 350

1004 data structure michael 400

1005 oracle & RDBMS john peter 320

**5. INSERT VALUES INTO LIBRARY\_TRANSACTION TABLE**:

SQL> insert into library\_transaction values(&userid,&accno,'&date\_of\_issue','&date\_of\_return');

Enter value for userid: 01

Enter value for accno: 1002

Enter value for date\_of\_issue: 12-jun-16

Enter value for date\_of\_return: 13-jul-16

old 1: insert into library\_transaction values(&userid,&accno,'&date\_of\_issue','&date\_of\_return')

new 1: insert into library\_transaction values(01,1002,'12-jun-16','13-jul-16')

1 row created.

SQL> /

Enter value for userid: 02

Enter value for accno: 1005

Enter value for date\_of\_issue: 25-jul-16

Enter value for date\_of\_return: 24-aug-16

old 1: insert into library\_transaction values(&userid,&accno,'&date\_of\_issue','&date\_of\_return')

new 1: insert into library\_transaction values(02,1005,'25-jul-16','24-aug-16')

1 row created.

SQL> /

Enter value for userid: 03

Enter value for accno: 1004

Enter value for date\_of\_issue: 01-jun-16

Enter value for date\_of\_return: 30-jun-16

old 1: insert into library\_transaction values(&userid,&accno,'&date\_of\_issue','&date\_of\_return')

new 1: insert into library\_transaction values(03 ,1004,'01-jun-16','30-jun-16')

1 row created.

**6. SELECT ALL ROWS FROM LIBRARY\_TRANSACTION:**

SQL> select \* from library\_transaction;

USERID ACCNO DATE\_OF\_I DATE\_OF\_R

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

1 1002 12-JUN-16 13-JUL-16

2 1005 25-JUL-16 24-AUG-16 3 1004 01-JUN-16 30-JUN-16

**7. FORMATING THE LIBRARY MANAGEMENT SYSTEM**

SQL> set linesize 75

SQL> TTitle center 'LIBRARY MANAGEMENT' skip1-

> center \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

SQL> column accno heading 'ACCOUNT NUMBER'

SQL> column title heading 'BOOK\_NAME'

SQL> column date\_of\_issue heading 'DATE\_OF\_ISSUE'

SQL> column date\_of\_retrun heading 'DATE\_OF\_RETURN'

SQL> set underline-

SQL> break on row skip1

SQL> select m.accno,m.title,t.date\_of\_issue from library\_master m,library\_transaction t where m.accno=t.accno and date\_of\_return='24-aug-16';

LIBRARY MANAGEMENT

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ACCOUNT NUMBER BOOK\_NAME DATE\_OF\_ISSUE

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

1005 oracle & RDBMS 25-JUL-16

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

**PROGRAM3.INVENTORY MANAGEMENT**

**1.CREATE A TABLE AS INVENTORY:**

SQL> create table inventory(prono number primary key,

2 proname varchar(20),

3 rate number);

Table created.

**2.INSERT VALUES INTO INVENTORY TABLE:**

SQL> insert into inventory values(&prono,'&proname',&rate);

Enter value for prono: 1001

Enter value for proname: soap

Enter value for rate: 30

old 1: insert into inventory values(&prono,'&proname',&rate)

new 1: insert into inventory values(1001,'soap',30)

1 row created.

SQL> /

Enter value for prono: 1002

Enter value for proname: horlicks

Enter value for rate: 100

old 1: insert into inventory values(&prono,'&proname',&rate)

new 1: insert into inventory values(1002,'horlicks',100)

1 row created.

SQL> /

Enter value for prono: 1003

Enter value for proname: milkybar

Enter value for rate: 50

old 1: insert into inventory values(&prono,'&proname',&rate)

new 1: insert into inventory values(1003,'milkybar',50)

1 row created.

SQL> /

Enter value for prono: 1004

Enter value for proname: chocobar

Enter value for rate: 40

old 1: insert into inventory values(&prono,'&proname',&rate)

new 1: insert into inventory values(1004,'chocobar',40)

1 row created.

**3.SELECT ALL THE ROWS IN INVENTORY TABLE:**

SQL> select \* from inventory;

PRONO PRONAME RATE

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

1001 soap 30

1002 horlicks 100

1003 milkybar 50

1004 chocobar 40

**4.UPDATE THE COLUMN AS RATE:**

SQL> get inventory\_update.sql

1 begin

2 update inventory set rate=rate+(rate\*20/100);

3 commit;

4\* end;

SQL> /

PL/SQL procedure successfully completed.

**5**. **SELECT ALL THE ROWS IN INVENTORY TABLE:**

SQL> select \* from inventory;

PRONO PRONAME RATE

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

1001 soap 36

1002 horlicks 120

1003 milkybar 60

1004 chocobar 48

**6.ADDING ANEW COLUMN AS NO\_OF\_ITEMS IN INVENTORY TABLE:**

SQL> alter table inventory add no\_of\_items number;

Table altered.

**7.DESCRIBE A INVENTORY TABLE:**

SQL> desc inventory;

Name Null? Type

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

PRONO NOT NULL NUMBER

PRONAME VARCHAR2(20)

RATE NUMBER

NO\_OF\_ITEMS NUMBER

**8.UPDATE AN EXISTING COLUMNS IN INVENTORY TABLE:**

SQL> update inventory set no\_of\_items=case prono

2 when 1001 then 10

3 when 1002 then 8

4 when 1003 then 6

5 when 1004 then 4

6 end;

4 rows updated.

**9. SELECT ALL THE ROWS IN INVENTORY TABLE:**

SQL> select \* from inventory;

PRONO PRONAME RATE NO\_OF\_ITEMS

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

1001 soap 36 10

1002 horlicks 120 8

1003 milkybar 60 6

1004 chocobar 48 4

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

**PROGRAM.4-STUDENT DATABASE**

**1.CREATE A STUDENT TABLE:**

SQL> create table student31(rollno number,name varchar2(20),

2 totalmarks number,result varchar2(4));

Table created.

**2.INSERT RECORDS TO STUDENT TABLE:**

SQL> insert into student31 values(&rollno,'&name',&total,'&result');

Enter value for rollno: 101

Enter value for name: nisha

Enter value for total: 320

Enter value for result: pass

old 1: insert into student31 values(&rollno,'&name',&total,'&result')

new 1: insert into student31 values(101,'nisha',320,'pass')

1 row created.

SQL> /

Enter value for rollno: 102

Enter value for name: pavi

Enter value for total: 400

Enter value for result: pass

old 1: insert into student31 values(&rollno,'&name',&total,'&result')

new 1: insert into student31 values(1002,'pavi',400,'pass')

1 row created.

SQL> /

Enter value for rollno: 103

Enter value for name: ragul

Enter value for total: 200

Enter value for result: fail

old 1: insert into student31 values(&rollno,'&name',&total,'&result')

new 1: insert into student31 values(103,'ragul',200,'fail')

1 row created.

SQL> /

Enter value for rollno: 104

Enter value for name: ashwin

Enter value for total: 100

Enter value for result: fail

old 1: insert into student31 values(&rollno,'&name',&total,'&result')

new 1: insert into student31 values(104,'ashwin',100,'fail')

1 row created

SQL> /

Enter value for rollno: 105

Enter value for name: neethu

Enter value for total: 300

Enter value for result: pass

old 1: insert into student31 values(&rollno,'&name',&total,'&result')

new 1: insert into student31 values(105,'neethu',300,'pass')

1 row created.

SQL> /

Enter value for rollno: 106

Enter value for name: carolyn

Enter value for total: 360

Enter value for result: pass

old 1: insert into student31 values(&rollno,'&name',&total,'&result')

new 1: insert into student31 values(106,'carolyn',360,'pass')

1 row created.

SQL> /

Enter value for rollno: 107

Enter value for name: kayal

Enter value for total: 220

Enter value for result: fail

old 1: insert into student31 values(&rollno,'&name',&total,'&result')

new 1: insert into student31 values(107,'kayal',220,'fail')

1 row created.

SQL> /

Enter value for rollno: 108

Enter value for name: prabha

Enter value for total: 240

Enter value for result: pass

old 1: insert into student31 values(&rollno,'&name',&total,'&result')

new 1: insert into student31 values(108,'prabha',240,'pass')

1 row created.

**3.SELECT ALL ROWS FROM STUDENT TABLE:**

SQL> select \* from student31;

ROLLNO NAME TOTALMARKS RESU

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

101 nisha 320 pass

102 pavi 400 pass

103 ragul 200 fail

104 ashwin 100 fail

105 neethu 300 pass

106 carolyn 360 pass

107 kayal 220 fail

108 prabha 240 pass

8 rows selected.

**4.SPLIT THE STUDENT TABLE INTO 2 TABLE BASED ON RESULT:**

SQL> declare

2 query1 varchar2(100):='create table student31\_pass as(select \* from student31 where

3 result=''pass'')';

4 query2 varchar2(100):='create table student31\_fail as(select \* from student31 where

5 result=''fail'')';

6 begin

7 execute immediate query1;

8 execute immediate query2;

9 end;

10 /

PL/SQL procedure successfully completed.

SQL> select \* from student31\_pass;

ROLLNO NAME TOTALMARKS RESU

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

101 nisha 320 pass

102 pavi 400 pass

105 neethu 300 pass

106 carolyn 360 pass

108 prabha 240 pass

SQL> select \* from student31\_fail;

ROLLNO NAME TOTALMARKS RESU

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

103 ragul 200 fail

104 ashwin 100 fail

107 kayal 220 fail

**5.USE CURSOR FOR HANDLING RECORDS:**

SQL> declare

2 cursor cpass is select \* from student31\_pass;

3 cursor cfail is select \* from student31\_fail;

4 begin

5 dbms\_output.put\_line('LIST OF PASSED STUDENTS');

6 for passrec in cpass loop

7 dbms\_output.put\_line(passrec.name);

8 end loop;

9 dbms\_output.put\_line('LIST OF FAILED STUDENTS');

10 for failrec in cfail loop

11 dbms\_output.put\_line(failrec.name);

12 end loop;

13 end;

14 /

LIST OF PASSED STUDENTS

nisha

pavi

neethu

carolyn

prabha

LIST OF FAILED STUDENTS

ragul

ashwin

kayal

PL/SQL procedure successfully completed.