CURSOR

QUERY 1: CREATE A TABLE EMP\_SAL:

SQL> create table emp\_sal(eno int primary key,ename varchar2(15),address varchar2(20),salary float,department varchar2(15),designation varchar2(15));

Table created.

RESULT 1:

SQL> desc emp\_sal;

Name Null? Type

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ENO NOT NULL NUMBER(38)

ENAME VARCHAR2(15)

ADDRESS VARCHAR2(20)

SALARY FLOAT(126)

DEPARTMENT VARCHAR2(15)

DESIGNATION VARCHAR2(15)

QUERY 2: INSERTING RECORDS INTO TABLE:

SQL> insert into emp\_sal values(1,'Anu','Chennai',10000,'Personal','Assistant');

1 row created.

SQL> insert into emp\_sal values(2,'Arun','Arcot',25000,'Account','Clerk');

1 row created.

SQL> insert into emp\_sal values(3,'David','Chennai',30000,'Personal','Manager');

1 row created.

SQL> insert into emp\_sal values(4,'Ramu','Cheyyar',10000,'Account','Assistant');

1 row created.

SQL> insert into emp\_sal values(5,'John','Vellore',40000,'HR','GM');

1 row created.

SQL> insert into emp\_sal values(6,'Angel','Vellore',20000,'Personal','Supervisor');

1 row created.

SQL> insert into emp\_sal values(7,'Vikki','Arcot',15000,'HR','Typist');

1 row created.

RESULT 2:

SQL> select \* from emp\_sal;

ENO ENAME ADDRESS SALARY DEPARTMENT DESIGNATION

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1 Anu Chennai 10000 Personal Assistant

2 Arun Arcot 25000 Account Clerk

3 David Chennai 30000 Personal Manager

4 Ramu Cheyyar 10000 Account Assistant

5 John Vellore 40000 HR GM

6 Angel Vellore 20000 Personal Supervisor

7 Vikki Arcot 15000 HR Typist

7 rows selected.

QUERY 3: CREATING A CURSOR:

SQL> set serveroutput on

SQL> declare

2 f1 int;

3 f2 varchar2(15);

4 f3 varchar2(15);

5 f4 float;

6 rc int;

7 cursor allemp is

8 select eno,ename,designation,salary from emp\_sal where department='Personal';

9 begin

10 open allemp;

11 dbms\_output.put\_line('eno'||'ename'||'designation'||'salary');

12 loop

13 fetch allemp into f1,f2,f3,f4;

14 exit when allemp%notfound;

15 dbms\_output.put\_line(f1||f2||f3||f4);

16 end loop;

17 rc:=allemp%rowcount;

18 dbms\_output.put\_line('No of rows:'||rc);

19 close allemp;

20 end;

21 /

RESULT 3:

ENO ENAME DESIGNATION SALARY

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1 Anu Assistant 10000

3 David Manager 30000

6 Angel Supervisor 20000

No of rows:3

PL/SQL procedure successfully completed.