**PRACTICAL NO.6**

* **Simple Cursor :**

declare

eid int;

en varchar(20);

sal float;

dept varchar(20);

nm varchar(20);

cursor c1 is select \* from employe;

begin

open c1;

loop

fetch c1 into eid,en,sal,dept;

exit when c1%notfound;

dbms\_output.put\_line(eid || en || sal || dept);

end loop;

close c1;

end;

/

SQL\*Plus: Release 21.0.0.0.0 - Production on Fri Sep 26 13:49:29 2025

Version 21.3.0.0.0

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Enter user-name: system

Enter password:

Last Successful login time: Fri Sep 26 2025 13:48:50 +05:30

Connected to:

Oracle Database 21c Express Edition Release 21.0.0.0.0 - Production

Version 21.3.0.0.0

SQL> create table employe (eid int primary key, en varchar2(20), sal float, dept varchar2(20));

Table created.

SQL> insert into employe values (101, 'Divya', 70000, 'finance');

1 row created.

SQL> insert into employe values (102, 'Sejal', 60000, 'hr');

1 row created.

SQL> insert into employe values (103, 'Kartika', 55000, 'marketing');

1 row created.

SQL> insert into employe values (104, 'Sakshi', 47000, 'sales');

1 row created.

SQL> select \* from employe;

EID EN SAL DEPT

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101 Divya 48000 finance

102 Sejal 55000 hr

103 Kartika 60000 marketing

104 Sakshi 47000 sales

SQL> set serveroutput on;

SQL> @C:\Users\System05\Desktop\New folder\Cursor1.sql

SP2-0310: unable to open file "C:\Users\System05\Desktop\New.sql"

SQL> @"C:\Users\System05\Desktop\New folder\Cursor1.sql"

101Divya48000finance

102Sejal55000hr

103Kartika60000marketing

104Sakshi47000sales

PL/SQL procedure successfully completed.

* **Parameterised Cursor :**

declare

eid int;

en varchar2(20);

sal float;

dept varchar2(20);

nm varchar2(20) := 'it';

cursor c1(p\_dept varchar2) is

select eid, en, sal, dept

from employee

where dept = p\_dept;

begin

open c1(nm);

loop

fetch c1 into eid, en, sal, dept;

exit when c1%notfound;

dbms\_output.put\_line('eid: ' || to\_char(eid) || ', en: ' || en || ', sal: ' || to\_char(sal) || ', dept: ' || dept);

end loop;

close c1;

end;

/

SQL> set serveroutput on;

SQL> @"C:\Users\System05\Desktop\New folder\ParameterisedCursor.sql"

PL/SQL procedure successfully completed.