**PRACTICAL NO 6**

**AIM :** Write a pl/sql block with basic programming construct by including GoTo to jump out of a loop and null as a statement inside IF.

1. **Write a program to print the number is even or odd.**

Program :

SQL> declare

2 p varchar2(30);

3 n pls\_integer:=37;

4 begin

5 for j in 2..round(sqrt(n)) loop

6 if n mod j=0 then

7 p:='is not a prime number';

8 GoTo print\_now;

9 end if;

10 end loop;

11 p:='is a prime number';

12 <<print\_now>>

13 dbms\_output.put\_line(to\_char(n)||p);

14 end;

15 /

**Output :**

37is a prime number

PL/SQL procedure successfully completed.

1. **Using a null statement to allow a GoTo to a label.**

**Program :**

SQL> declare

2 done boolean;

3 begin

4 for i in 1..50 loop

5 if done then

6 GoTo end\_loop;

7 end if;

8 <<end\_loop>>

9 null;

10 end loop;

11 end;

12 /

**Output :**

PL/SQL procedure successfully completed**.**

1. **Create a table employee with eid and ename.**

**Program :**

SQL> create table empp(eid number,ename varchar2(10));

Table created.

SQL> insert into empp values(&eid,'&ename');

Enter value for eid: 1

Enter value for ename: shivani

old 1: insert into empp values(&eid,'&ename')

new 1: insert into empp values(1,'shivani')

1 row created.

SQL> /

Enter value for eid: 2

Enter value for ename: krutika

old 1: insert into empp values(&eid,'&ename')

new 1: insert into empp values(2,'krutika')

1 row created.

SQL> select \* from empp

2 /

EID ENAME

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1 shivani

2 krutika

3 mona

4 pooja

5 rutu

SQL> declare

2 v\_last\_name varchar2(25);

3 v\_emp\_id number(6):=5;

4 begin

5 <<get\_name>>

6 select ename into v\_last\_name from empp where eid=v\_emp\_id;

7 begin

8 dbms\_output.put\_line(v\_last\_name);

9 v\_emp\_id:=v\_emp\_id + 1;

10 if v\_emp\_id<5 then

11 GoTo get\_name;

12 end if;

13 end;

14 end;

15 /

**Output :**

rutu

PL/SQL procedure successfully completed.