

EXPERIMENT 6

6) Aim: Develop a program that includes the features Nested if, Case and case expression. The Program can be extended using the NULL if, and COALESCE functions.

CASE:

Syntax:

```
CASE selector
  WHEN 'value1' THEN S1;
  WHEN 'value2' THEN S2;
  WHEN 'value3' THEN S3;
  ...
  ELSE Sn; -- default case
END CASE;
```

Example Program:

```
DECLARE
  grade char(1) := 'A';
BEGIN
  CASE grade
    when 'A' then dbms_output.put_line('Excellent');
    when 'B' then dbms_output.put_line('Very good');
    when 'C' then dbms_output.put_line('Well done');
    when 'D' then dbms_output.put_line('You passed');
    when 'F' then dbms_output.put_line('Better try again');
    else dbms_output.put_line('No such grade');
  END CASE;
END;
/
```

Output:

Excellent

PL/SQL procedure successfully completed.

COALESCE:

This returns the first non-NULL expression among its arguments.

syntax:

```
coalesce("expression1","expression2",...);
```

(4) NULL IF:

Takes two arguments. If the two arguments are equal, then NULL is returned. otherwise the first argument is returned.

syntax:

```
select column_name,NULLIF(argument1,arguement2) from tabe_name;
```

