

PL/SQL CONTROL STRUCTURES

IF-THEN

PROGRAM:

DECLARE

 age integer:=20;

BEGIN

 if(age>=18) then

 dbms_output.put_line('Eligible to Vote');

 end if;

END;

OUTPUT:

Eligible to Vote

IF-THEN-ELSE

PROGRAM:

DECLARE

 age integer:=16;

BEGIN

 if(age>=18) then

 dbms_output.put_line('Eligible to Vote');

 else

 dbms_output.put_line('Not Eligible to Vote');

 end if;

END;

OUTPUT:

Not Eligible to Vote

IF-THEN-ELSIF

PROGRAM:

DECLARE

```

NO1 INTEGER:= 16;
NO2 INTEGER:= 29;
NO3 INTEGER:= 1;
BEGIN
    if NO1>NO2 AND NO1>NO2 then
        dbms_output.put_line('NO1 IS GREATER');
    elsif NO2>NO3 then
        dbms_output.put_line('NO2 IS GREATER');
    else
        dbms_output.put_line('NO3 IS GREATER');
    end if;
END;

```

OUTPUT:

NO2 IS GREATER

CASE

PROGRAM:

```

DECLARE
    DAY INTEGER:=3;
BEGIN
    CASE DAY
        when 1 then dbms_output.put_line('MONDAY');
        when 2 then dbms_output.put_line('TUESDAY');
        when 3 then dbms_output.put_line('WEDNESDAY');
        when 4 then dbms_output.put_line('THURSDAY');
        when 5 then dbms_output.put_line('FRIDAY');
        when 6 then dbms_output.put_line('SATURDAY');
        when 7 then dbms_output.put_line('SUNDAY');
        else dbms_output.put_line('NO SUCH DAY');
    end if;
END;

```

OUTPUT:

WEDNESDAY

WHILE LOOP

PROGRAM:

DECLARE

NUM INTEGER:=2;

BEGIN

while NUM<=10 loop

dbms_output.put_line(num);

num := num+2;

end loop;

END;

OUTPUT:

2

4

6

8

10