4-1: Conditional Control: IF Statements

Vocabulary

1.IF

2.LOOP

3.Condition

4.Case

Try It / Solve It

1.Se folosesc pentru a lua decizii bazate pe diverse conditii

2. IF,CASE,LOOP

3. IF,ELSIF ,ELSE,THEN,END IF

4.IF,THEN,END IF

5.

DECLARE

v_pop wf_countries.population%TYPE;

BEGIN

SELECT population into v_pop from wf_countries

WHERE country_id=91;

If v_pop>1000000000

THEN

DBMS_OUPUT.PUT_LINE('GREATER');

ELSE

DBMS_OUPUT.PUT_LINE('LESS');

END IF;

END

```
DECLARE

v_pop wf_countries.population%TYPE;

BEGIN

SELECT population into v_pop from wf_countries

WHERE country_id=44;

If v_pop>1000000000

THEN

DBMS_OUPUT.PUT_LINE('GREATER');

ELSE

DBMS_OUPUT.PUT_LINE('LESS');

END IF;

END
```

6.

```
DECLARE

v_pop wf_countries.population%TYPE;

BEGIN

SELECT population into v_pop from wf_countries

WHERE country_id=44;

If v_pop>1000000000

THEN

DBMS_OUPUT.PUT_LINE('Population is greater than 1 billion');

ELSIF V_POP>0

THEN DBMS_OUPUT.PUT_LINE('Population is greater than 0');

ELSIF V_POP=0

THEN DBMS_OUPUT.PUT_LINE('Population is  0');

ELSE

THEN DBMS_OUPUT.PUT_LINE('No data for this country ');

END IF;

END
```

7.

A. C

B. B

C. A

D.

Country	Country_ID	Independence Date	National Holiday Date	Output should be
Antarctica	672	NO	NO	C
Iraq	964	YES	NO	A
Spain	34	NO	YES	B
United States	1	YES.	NO	A

8.
The two numbers are equal

9.
```
 DECLARE
v_year number(7) :=1990;
BEGIN
IF(v_year/4=round(v_year/4) and (v_year/100!=round(v_year/100) or (v_year/400=round(v_year/400))
THEN DBMS_OUPUT.PUT_LINE('LEAP YEAR');
ELSE
DBMS_OUPUT.PUT_LINE('NOT A LEAP YEAR');
END IF
END;
```