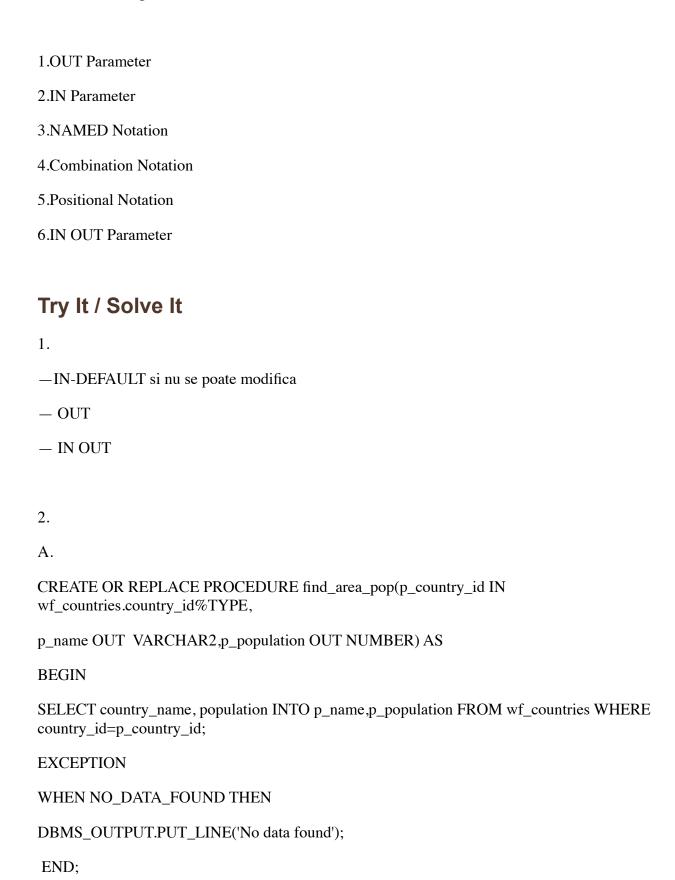
8-3: Passing Parameters

Vocabulary



```
В.
DECLARE
v_name wf_countries.country_name%TYPE;
v_pop number;
BEGIN
find_area_pop(2,v_name,v_pop);
DBMS_OUTPUT.PUT_LINE(v_namell' 'llv_pop);
END;
C.
CREATE OR REPLACE PROCEDURE find_area_pop(p_country_id IN
wf_countries.country_id%TYPE, p_name OUT VARCHAR2, p_population OUT
NUMBER,p_densi IN OUT NUMBER)
AS
v_area wf_countries.area%TYPE;
BEGIN
SELECT country_name, population, area INTO p__name, p_population, v_area FROM
WF_countries WHERE country_id = p_country_id;
p_densi := (p_population / v_area);
EXCEPTION
WHEN NO_DATA_FOUND THEN
DBMS_OUTPUT_PUT_LINE('No data found');
END;
D.
DECLARE
v_name wf_countries.country_name%TYPE;
v_pop wf_countries.population%TYPE;
v_density number;
```

```
BEGIN
find_area_pop(2,v_name,v_pop,v_density );
DBMS_OUTPUT_LINE(v_namell' 'llv_popll' 'llv_density);
END;
3.
CREATE OR REPLACE PROCEDURE square(p_nr IN OUT INTEGER) AS
BEGIN
p_nr:=p_nr*p_nr;
EXCEPTION
WHEN OTHERS THEN
DBMS_OUTPUT.PUT_LINE('error');
END;
DECLARE
v_nr integer:=4;
BEGIN
square(v_nr);
DBMS_OUTPUT_LINE('squared: ' || v_nr);
END;
4.
-IN
- OUT
— IN OUT
```

```
DECLARE
v_name wf_countries.country_name%TYPE;
v_pop wf_countries.population%TYPE;
v_density number;
BEGIN
find_area_pop(2, p_name=> v_name,p_population=>v_pop,p_density=>v_density);
DBMS_OUTPUT_LINE(v_namell' 'llv_popll' 'llv_density);
END;
В.
find_area_pop(p_country_id=>2,p_name=>v_name,v_pop,v_density);—error fist position
C.
find_area_pop(2,v_name,p_population=>v_pop,p_density=>v_density);
5.
flexibility when passing arguments
p_n NUMBER DEFAULT 5 SAU p_n NUMBER:=5
6.
CREATE OR REPLACE PROCEDURE find_area_pop(p_country_id IN
wf_countries.country_id%TYPE DEFAULT 40, p_name OUT VARCHAR2, p_population OUT
NUMBER,p_densi IN OUT NUMBER)
AS
v_area wf_countries.area%TYPE;
BEGIN
SELECT country_name, population, area INTO p_name, p_population, v_area FROM WF_countries
WHERE country_id = p_country_id;
p_densi := (p_population / v_area);
EXCEPTION
```

A.

```
WHEN NO_DATA_FOUND THEN

DBMS_OUTPUT.PUT_LINE('No data found');

END;

DECLARE

v_name wf_countries.country_name%TYPE;

v_pop wf_countries.population%TYPE;

v_density number;

BEGIN

find_area_pop(40,v_name,v_pop,v_density);

DBMS_OUTPUT.PUT_LINE(v_name||' '||v_pop||' '||v_density);

END;
```