 



Database Programming with PL/SQL 2-7: Good Programming Practices Practice Activities

# Vocabulary

*No new vocabulary for this lesson.*

# Try It / Solve It

1. Enter and run the following PL/SQL block. It will execute correctly if you have entered it correctly, but it contains some examples of bad programming practices.
   1. Modify the block to use good programming practices, and re-run the block.
   2. Your modified block should contain examples of the following good programming practices: explicit data type conversions, meaningful and consistent variable names, use of %TYPE, upper and lowercase conventions, single and multi-line comments, and clear indentation.

DECLARE

myvar1 VARCHAR2(20);

myvar2 number(4); BEGIN

SELECT country\_name INTO myvar1 FROM countries WHERE country\_id = 421;

myvar2 := '1234';

MYVAR2 := myvar2 \* 2; DBMS\_OUTPUT.PUT\_LINE(myvar1);

End;

DECLARE

v\_myvar1 countries.country\_name %TYPE;

v\_myvar2 NUMBER(4);

BEGIN

SELECT country\_name --tara cu id-ul 421 va fi pusa in variabila v\_myvar1

INTO v\_myvar1

FROM countries

WHERE country\_id = 421;

v\_myvar2 := 1234;

v\_myvar2 := v\_myvar2 \* 2;

DBMS\_OUTPUT.PUT\_LINE(v\_myvar1);

END;

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