

## 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.
  - A. Modify the block to use good programming practices, and re-run the block.
  - B. 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
```

```
    v_myvar1    VARCHAR2(20);
```

```
    v_myvar2    NUMBER(4);
```

```
BEGIN
```

```
    SELECT country_name INTO v_myvar1
```

```
    FROM countries WHERE country_id = 421;
```

```
    v_myvar2 := '1234';
```

```
    v_myvar2 := v_myvar2 * 2;
```

```
    DBMS_OUTPUT.PUT_LINE(v_myvar1);
```

```
End;
```

