**EXERCISE: Test Your Knowledge of Java Variable Naming Conventions**

* Create a new Java project in your preferred development environment.
* Declare a variable called **firstName** of type **String**.
* Declare a variable called **Last\_Name** of type **String**.
* Declare a variable called **age** of type **int**.
* Declare a variable called **$salary** of type **double**.
* Declare a variable called **#employeeId** of type **int**.

1. Which of the variables (if any) are not named according to Java naming conventions?
2. What should be the correct names for the variables that are not named according to Java naming conventions?

**Correct answers are below (scroll down):**

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The correct answers to these questions are:

1. The variables **Last\_Name**, **$salary**, and **#employeeId** are not named according to Java naming conventions.
2. The correct names for these variables should be **lastName**, **salary**, and **employeeId**, respectively.

Java naming conventions dictate that variable names should begin with a lowercase letter and should not contain any special characters (other than the underscore character). Also, the first letter of each word in a variable name with more than one word should be capitalized. This is called camelCase.