**Problem 1: Declaring and Initializing a Double Variable**

**Problem Statement:**

Declare a variable to store the price of a product and initialize it with a value of 49.99.

**1. Instructions:**

* Identify the appropriate data type for the variable.
* Declare the variable with an appropriate name.
* Initialize the variable with the value 49.99.

2. Code the variable **\_\_\_\_ productPrice = \_\_\_\_;**

double productPrice = 49.99;  
**Explanation:**

* double is the appropriate data type for values with decimals.
* productPrice is a meaningful variable name that reflects what the value represents.
* 49.99 is assigned using the = operator.

**Problem 2: Declaring and Initializing a Boolean Variable**

**Problem Statement:**

Declare a variable to store a flag indicating whether a user is an admin, and initialize it with the value **true**.

**1. Instructions:**

* Identify the appropriate data type for the variable.
* Declare the variable with an appropriate name.
* Initialize the variable with the value **true**.

**2. Your Code Solution: \_\_\_\_ isAdmin = \_\_\_\_;**

bool isAdmin = true;

**Explanation:**

* bool is the appropriate data type for true/false (Boolean) values.
* isAdmin is a descriptive variable name indicating what the Boolean represents.
* true is assigned using the = operator to indicate that the user is an admin.