### **Python Variables and Data Types: Quiz**

#### **Assignment Question 1:**

Create variables to store the following information about your favorite movie:

* The title of the movie (as a string).
* The year it was released (as an integer).
* The IMDb rating of the movie (as a float).
* Whether you would recommend the movie to others (as a boolean).

Print the variables with labels and modify the IMDb rating to show a personal preference.

#### **MCQ 1:**

**What is a variable in Python?**

A. A container used to store data that can change during program execution.  
B. A fixed value that cannot be modified.  
C. A function that performs mathematical operations.  
D. A placeholder for comments in the code.

#### **MCQ 2:**

**What data type is used to represent True or False values in Python?**

A. String  
B. Integer  
C. Boolean  
D. Float