Boolean Data Types

In C#, we can represent Boolean values using the `bool` data type. Booleans, unlike numbers or strings, only have two values: true and false.

To define a variable as a boolean, you define the data type as `bool`. Then write the variable name and set it equal to the value, either `true` or `false`:

```
bool variableName = true;
```

The variable is named `variableName`, its of type `bool`, and its value is `true`.

While we use the words `true` and `false` to represent boolean values, it's important to remember that they are different from the strings `"true"` and `"false"`.

☑**Instructions**

1.
Time to practice writing variables that use a `bool` data type!

Answer these True/False questions by saving your answer to the specified variables.

True or False: The number 500 is greater than 24.

Save your answer to a variable named `answerOne`.

Hint ⌄

The `bool` data type represents the concept of `true` or `false`.

```
bool isItOn = false;
```

2.
True or False: "coffee" contains the letter "a".

Save your answer to a variable named `answerTwo`.

The `bool` data type represents the concept of `true` or `false`.

```
bool isItOn = false;
```