

Introduction to Alternate Expressions

Good developers don't work too hard. We all push ourselves to get better at coding, but when something seems difficult or repetitive, there's usually a better way to do it!

Methods are a good example:

```
bool IsEven(int num)
{
    return num % 2 == 0;
}
```

Why bother with these curly braces (`{ }`) and `return` keywords for such a short method?

In C# there are other ways to define a method, which can save us effort in typing and make our code easier to read. They're called *expression-bodied definitions* and *lambda expressions*.

From now on, when you see these phrases just think: "These are shortcuts for defining methods!" This lesson will show you how to use them.

☒ Instructions

Check out these basic method definitions in the text editor. The *method signature* tells us the types of input to and output from the method. The *method body* lives inside the curly braces `{ }` and sometimes contains the `return` keyword.

Take `Welcome()` for example:

The signature tells us that the method takes in a string and outputs nothing.

The body prints some text to the console.