03 Searching Strings

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1 Searching Strings

1.1 Contains

Does your string contain another string within it? You can use `Contains` to find out! The `Contains` method returns a *boolean*. That's a type represented by the keyword `bool` that can hold two values: `true` or `false`. In this case, the method returns `true` when sought string is found, and `false` when it's not found. > Run the following code. > > What else would or wouldn't be contained? > > Does case matter? > > Can you store the return value of the `Contains` method> Remember the type of the result is a `bool`.

```
[1]: string songLyrics = "You say goodbye, and I say hello";
     Console.WriteLine(songLyrics.Contains("goodbye"));
     Console.WriteLine(songLyrics.Contains("greetings"));
```

```
True
False
```

1.2 StartsWith and EndsWith

`StartsWith` and `EndsWith` are methods similar to `Contains`, but more specific. They tell you if a string starts with or ends with the string you're checking. It has the same structure as `Contains`, that is: `bigstring.StartsWith(substring)` > Now you try! > In the following code, try searching the line to see if it starts with "you" or "I". > Next, see if the code ends with "hello" or "goodbye".

```
[2]: string songLyrics = "You say goodbye, and I say hello";
```

```
[ ]:
```