

Working with Strings and StringBuffer

The Immutable String



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Overview



- **String immutability**
- **Concatenating Strings (+, +=)**
- **Important String methods**
- **Changing String methods**
- **StringBuffer type and methods**

String Concatenation

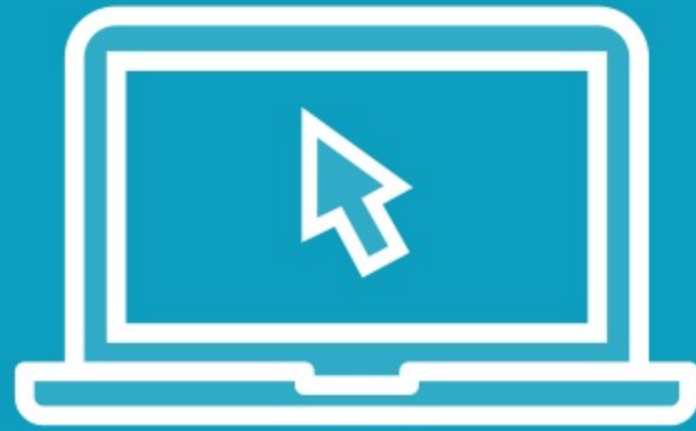
String Methods, Part 1

String Methods, Part 2

StringBuilder, Part 1

StringBuilder, Part 2

Demo



`append()`

`indexOf()`

`charAt()`

`replace()`

`deleteCharAt()`

`delete()`

`substring()`

Summary



- The `java.lang.String` is immutable
- Strings can be concatenated using `+` and `+=`
- The `String` type provides dozens of convenience methods
 - `charAt()`, `length()`, `indexOf()`, `substring()`, etc.
- String methods can be chained together
- `StringBuilder` is similar to `String`, but mutable

Up Next:

Working with Dates and Times
