

# String

# Outline

- String
  - String literal
  - Substring
  - String concatenation
  - Strings are immutable
  - Testing strings for equality
  - Code unit
- String API
- Building String
- Text block
- Project

# String

In Java, a string is an object that represents a number of character values. Each letter in the string is a separate character value that makes up the Java string object.

- String literal
- Substring
- String concatenation
- Strings are immutable
- Testing strings for equality
- Empty or Null
- Code unit and Code Points

# String API

The String class in Java contains close to 100 methods.

[Oracle documentation](#)

# Building String

- Inefficient using string for concatenation
- Every time created new string
- Consuming and wastes memory
- avoids this with StringBuilder class

[Oracle documentation](#)

# Text block

- Before text block
- Text block from java 15

[Oracle documentation](#)

**Happy Birthday**

**The only thing standing between you and outrageous success is continuous progress.**