

# Lambdas

Lambdas enable functional programming in Java (added in Java 8)

- It gives us the ability to define behavior independent of a class (we can't do this in traditional Java)
  - such as: creating implementation for classes, or interfaces, directly into a variable

## Lambda Expressions

- First, make a functional interface (special kind of interface, but nothing crazy)
  - A **Functional Interface** has only one abstract method
  - Can have other concrete methods - but there must be one abstract method
- `@FunctionalInterface`
- We use arrow notation to define parameters and segments of code that will be the implementation of that interface.