

A decorative graphic on the left side of the slide consisting of two overlapping parallelograms. The front one is blue and the back one is a light green. They are positioned diagonally, with the blue one partially covering the green one.

# Java: Day 4

with  
Project Include



# Review - Arrays

An **array** is like a shelf with boxes, where boxes can be accessed by number, or **index**, where an index begins at 0.

**Arrays** are of fixed length and variable type.

Syntax:

```
Int[ ] myArray = { 11, 12, 13 };
```



# Functions

A **function** is a chunk of code that describes the process needed to perform a task and can be accessed by the function name for easy access in the main body of your code.

## Syntax:

```
public static int myFunction ( int date string name) {  
    yourCodeHere ;  
}
```



# ArrayLists

**ArrayLists** are like **arrays**, except they can hold anything and have their length modified

Syntax:

```
ArrayList<Character> newArrayList = new ArrayList<>();
```

# Your Code

[tiny.cc/join-class](https://tiny.cc/join-class)

or plain code: [tiny.cc/java-hangman](https://tiny.cc/java-hangman)  
[repl.it/languages/java](https://repl.it/languages/java)

# Feedback

[tiny.cc/PI\\_feedback](https://tiny.cc/PI_feedback)