Java Lambdas Part 1 Notes
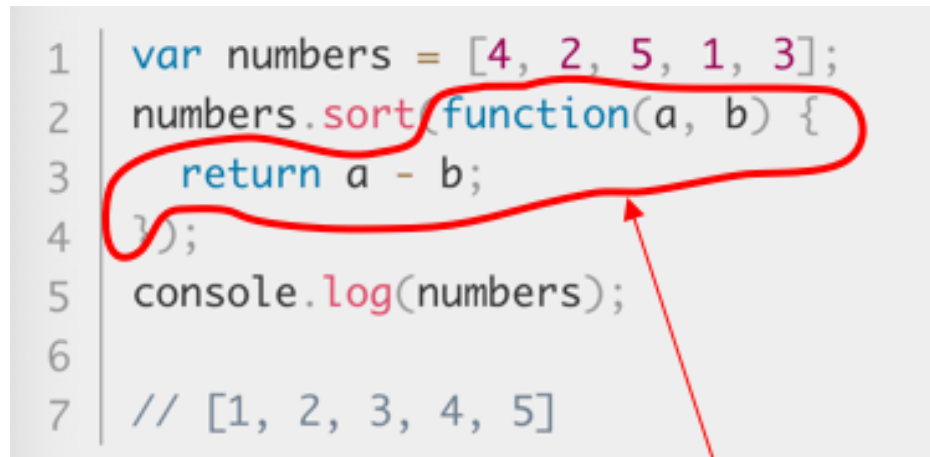
Team Treehouse

June 2, 2020

1 Old School

- Consider the sorting of two objects

- In javascript, this is achieved as follows

```
1  var numbers = [4, 2, 5, 1, 3];
2  numbers.sort(function(a, b) {
3      return a - b;
4  });
5  console.log(numbers);
6
7  // [1, 2, 3, 4, 5]
```

This here :)

- In Java, to accomplish the above, used comparator interface with compare method

- Uses a lot of lines, an

1

```java
import java.util.Collections;
import java.util.Comparator;
import java.util.List;

public class Main {

    public static void usingAnonymousInlineClass() {
        List<Book> books = Books.all();
        Collections.sort(books, new Comparator<Book>() {
            @Override
            public int compare(Book b1, Book b2) {
                return b1.getTitle().compareTo(b2.getTitle());
            }
        });

    }


    public static void main(String[] args) {
        // write your code here

    }

}
```

Comparator interface

Compare method

- Solution → Lambda