

Java Intro

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Before we begin

- Make sure you have Java & Java JDK downloaded on your computer
 - can run **java -version** in terminal to check
- Make sure you have IntelliJ downloaded on your computer

Skeleton Java Class

```
public class Example {  
    public static void main(String[] args) {  
        // code goes here  
    }  
}
```

**** This structure is required for all java code you want to run ****

Printing in Java

print & println

Print **without** going to the next line:

```
System.out.print("stays on same line");
```

Print and go to the next line:

```
System.out.println("goes to line");
```

**** Print statements
need to be wrapped
inside a method ****

Things that matter

- The s in System should always be capitalized
- Every statement in Java has to end with a semicolon
- All words you want to print have to be enclosed in quotation marks

Escape Sequences

`\t` - tab character

`\n` - new line character

`\\` - a `\` character, always requires 2 to print a single `\` character

`\"` - quotation, need the slash so that program doesn't think you're ending what you're trying to print

Setting Up a new IntelliJ Project

Create new Java
class in IntelliJ

Practice

- Print `hello world` that goes to the next line after
- Print `\ / \`
- Print `a[tab]b[tab]c`
- Print `hello world` on one line using 2 separate print statements
- Print `hello world`, a word per line using a single print statement
- Print `"hello world"`

The End