

Intro to Java Programming

Printing

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Outline

Printing

Topic

Printing

Objectives

1. Learn to write a program that prints text
2. Become familiar with executing programs
3. Know what the term *parameter* means

The `System.out.println()` command

Command

`System.out.println(`

Parameter

`);`

The `System.out.println()` command

Command

`System.out.println("Hello world");`

Parameter

Program Boilerplate

Code

```
1 public class Sandbox {  
2     public static void main(String[] args) {  
3         // Write your program here  
4         System.out.println("Hello world");  
5     }  
6 }
```

Program Boilerplate

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Programming Exercise - Ada Lovelace

Part01_02.AdaLovelace

Code

```
1 public class AdaLovelace {  
2     public static void main(String[] args) {  
3         // Write your program here  
4     }  
5 }  
6 }
```

Desired Output

> Ada Lovelace

Results

Printing Multiple Lines

Code

```
1 public class Ohjelma {  
2     public static void main(String[] args) {  
3         System.out.println("Hello world!");  
4         System.out.println("... and the universe!");  
5     }  
6 }
```

```
> Hello world!  
> ... and the universe!
```

Results

Programming Exercise - Once Upon a Time

Part01_03.OnceUponATime

Modify the program so that it will print the following text.

Use three `System.out.println()` commands for printing.

Code

```
1 public class OnceUponATime {  
2     public static void main(String[] args) {  
3         // Write your program here  
4  
5     }  
6 }
```

Desired Output

```
> Once upon a time  
> there was  
> a program
```

Results

Letting the IDE help you a bit

Python

[Code](#)

```
print("Hello World")
```

Java

[Code](#)

```
System.out.println("Hello World")
```

Programming Exercise - Dinosaur

Part01_04.Dinosaur

Code

```
1 public class Dinosaur {  
2     public static void main(String[] args) {  
3         // Write your program here  
4     }  
5 }
```

Desired Output

```
> Once upon a time  
> there was  
> a dinosaur
```

Results

Comments

Code

```
1 public class Comments {  
2     public static void main(String[] args) {  
3         // Printing  
4         System.out.println("Text to print");  
5         System.out.println("More text to print!");  
6         /* Next:  
7            - more on printing  
8            - more practice  
9            - variables  
10           - ...  
11        */  
12        System.out.println("Some other text to print");  
13        // System.out.println("Trying stuff out")  
14    }  
15 }
```