

Java - Introduction to Programming

Lecture 1

Installation & First Program

1. Install Java

- a. Install JDK (<https://www.oracle.com/in/java/technologies/javase-downloads.html>)
- b. Install IntelliJ (<https://www.jetbrains.com/idea/download/#section=mac>)

OR

- b. Install Visual Studio Code (VS Code) - Prefer THIS
(<https://code.visualstudio.com/download>)

2. Sample Code

Functions

A function is a block of code which takes some input, performs some operations and returns some output.

The functions stored inside classes are called methods.

The function we have used is called main.

Class

A class is a group of objects which have common properties. A class can have some properties and functions (called methods).

The class we have used is Main.

3. Our 1st Program

```
public class Main {  
  
    public static void main(String[] args) {  
        // Our 1st Program  
        System.out.println("Hello World");  
    }  
}
```