**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>)

1. **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.***

1. **Our 1st Program**

**public class Main {**

**public static void main(String[] args) {**

**// Our 1st Program**

**System.*out*.println("Hello World");**

**}**

**}**