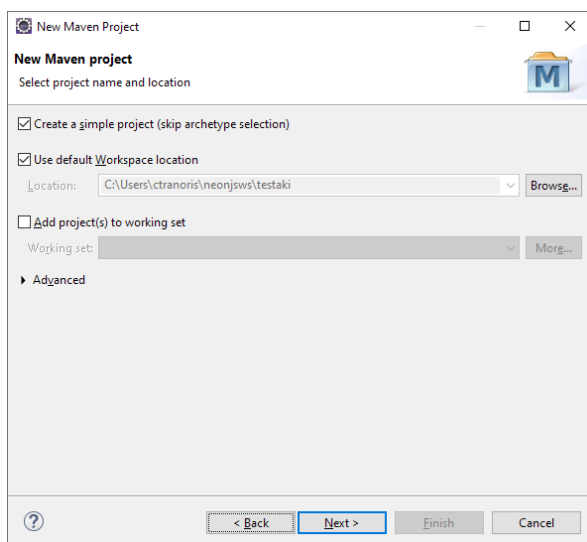
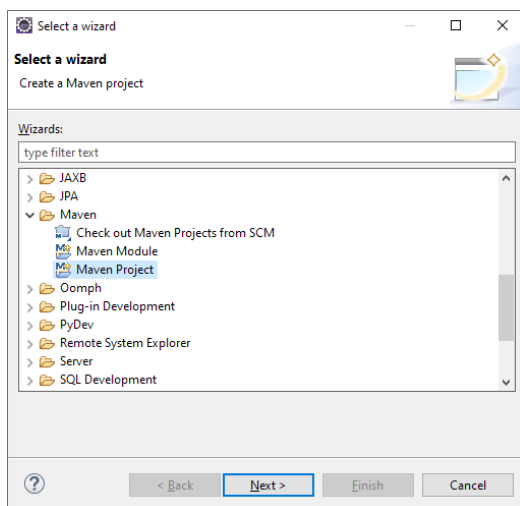


Εργαστηριακή άσκηση 1: Java introduction

- 1) Eclipse Installation
- 2) Java introduction/reminder

Project creation



Create a new Maven project with the following settings:

- **Group:** gr.upatras
- **Artifact:** gr.upatras.first
- **Version:** 0.0.1-SNAPSHOT
- **Packaging:** jar

Java Terminology

- Java Virtual Machine(JVM)
- Java Development Kit(JDK)
- Java Runtime Environment (JRE)
- Garbage Collector
- ClassPath
- Platform Independent
- Object-Oriented Programming Language

Object-Oriented

- Abstraction
- Encapsulation
- Inheritance
- Polymorphism

```
// Demo Java program

// Importing classes from packages
import java.io.*;

// Main class
public class GFG {

    // Main driver method
    public static void main(String[] args)
    {

        // Print statement
        System.out.println("Welcome to GeeksforGeeks");
    }
}
```

- Class example (fields, methods, constructors)
- Strings
- Flow Control
- Loops