

# Programare Web cu Java – Laborator 1

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## 1. JDK

In order to develop Java applications, you will need to setup a JDK (Java Development Kit)

- Download open-source build from: <https://jdk.java.net/11/>
- Extract the zip file into a folder: e.g. C:\Program Files\Java\jdk-11.0.6
- Edit the system environment variables to support java: Add the location of the bin folder of the JDK installation to the PATH variable in System Variables; Set JAVA\_HOME: Under System Variables, click New-> Enter the variable name as JAVA\_HOME -> Enter the variable value as the installation path of the JDK (where the zip file was extracted)
- Test the installation: open the Command Prompt and type java -version; javac -version;

## 2. IDE

Integrated Development Environment - IntelliJ IDEA (or another tool if preferred)

Download from: <https://www.jetbrains.com/idea/download/#section=windows>

## 3. Git

Git bash (or another tool if preferred)

Install a distributed version control system <https://git-scm.com/download/>

Test: git --version

## 4. GitHub

Create a GitHub account: <https://github.com/>

## 5. Postman

Download from: <https://www.postman.com/downloads/>

## 6. Database client

MySQLWorkbench (or another tool if preferred)

Download from: <https://dev.mysql.com/downloads/workbench/>