Programare Avansata pe Obiecte – Laborator 1

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I. **Kit de dezvoltare:**
   a. Download open-source build from: https://jdk.java.net/11/
   b. Extract the zip file into a folder: e.g. C:\Program Files\Java\jdk-11.0.6
   c. Edit the system environment variables to support java:
   d. Add the location of the bin folder of the JDK installation to the PATH variable in System Variables;
   e. 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)
   f. Test the installation: open the Command Prompt and type java -version

II. **Java Development Environment - IntelliJ**
   a. Download and install an Integrated Development Environment for Java (IntelliJ)

III. **Git – distributed version control system**
   a. Install a distributed version control system (Git)

IV. **GitHub**
   a. Create a GitHub repository:
   b. Create a GitHub account: https://github.com/join?source=header
   c. Create a new repository pao-labs from https://github.com/new
   d. Clone the repository:
      Open the Command Prompt and run the following command:
      git clone https://github.com/<<git-username>>/pao-labs.git

Punctaj Laborator: 5 puncte din 10

Proiect: 3 faze

Exemple:

1. MyFirstClass.java - Notepad

File Edit Format View Help

```
public class MyFirstClass {

        public static void main(String arg[]) {
                System.out.print("My Fisrt App!");
        }

}
```

```
C:\PAO\lab-1>javac MyFirstClass.java

C:\PAO\lab-1>java MyFirstClass
My Fisrt App!
C:\PAO\lab-1>
```

2. Write a Java program to display odd numbers from 1 to 50)

```
package com.unibuc.lab;

public class Example2 {

    public static void main(String args[]) {
        for (int i = 0; i < 50; i++) {
            if (i % 2 != 0) {
                System.out.print(i + " ");
            }
        }
    }

}
```