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Downloading and Installing IntelliJ IDEA

PROFESSIONAL BACHELOR THESIS

Computer Systems

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Objective

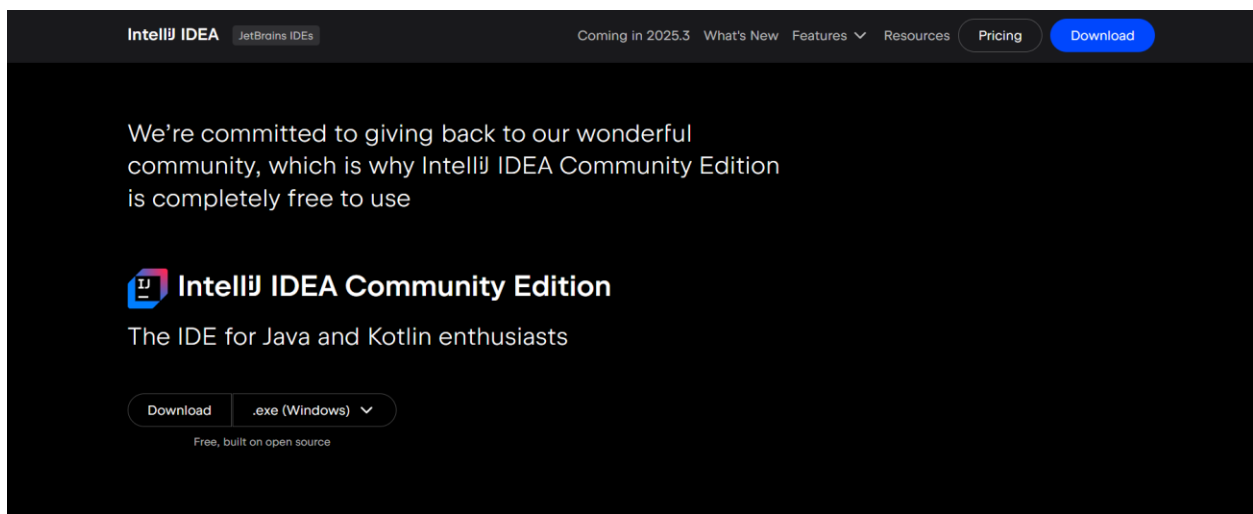
- To download and Install IntelliJ Idea for Windows – A integrated development environment by JetBrains.
- To provide steps from downloading and installing IDE to running a Java Program.
- Include Screenshots of the installation and provide a code snippet and its output at the end.

Pre-Requisites

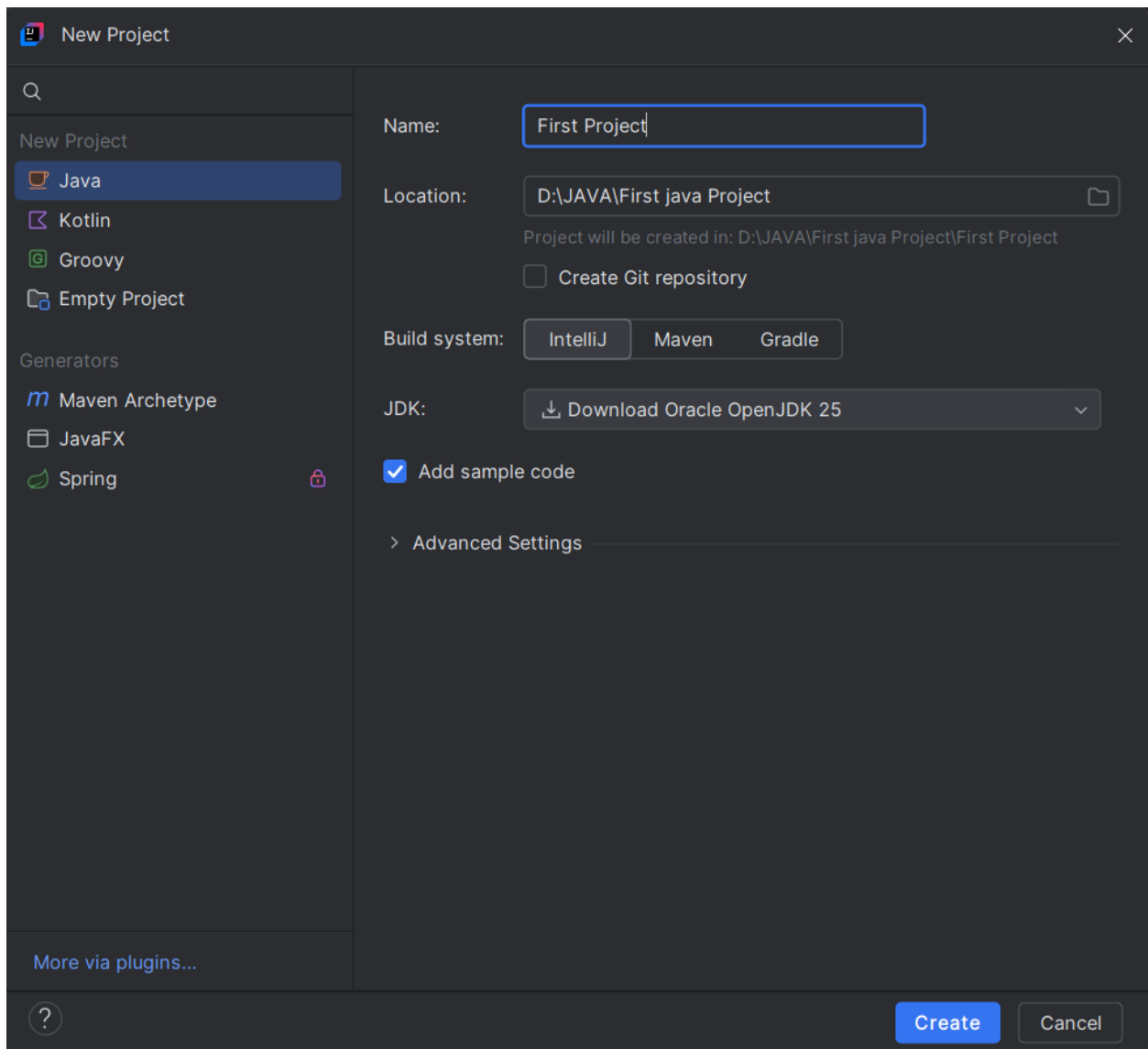
- Computer with stable Internet Connection.
- Administrative Rights to Install the software.
- JDK installed on the computer (optional)

Procedure

- Open [JetBrains](#) official download page.



- Download the community edition installer for IntelliJ Idea.
- Run the installer, check the necessary boxes, and finish setup.
- After installing, make a new project and install jdk (Java Development Kit) by selecting the oracle version.



- Write the given Code in the “Main.java” file and try to run.

```
public class HelloWorld {  
    public static void main(String[] args) {  
        System.out.println("Hello, World!");  
    }  
}
```

- The installation is complete, and the IDE is ready to be used.

Conclusion

- IntelliJ IDEA provides a modern, productive environment for Java development, with strong code assistance and debugging features that support learning and project work.
- IntelliJ IDEA detects installed JDKs automatically if present; otherwise, you can install a JDK (e.g., OpenJDK) and configure it when creating a project.
- Community Edition suffices for standard Java development; Ultimate adds advanced features for enterprise frameworks.