Turiba University

(Mehak Singh)

(Installing IntelliJ IDEA)

PROFESSIONAL BACHELOR'S DEGREE

Study programme (Bachelor's in computer systems)

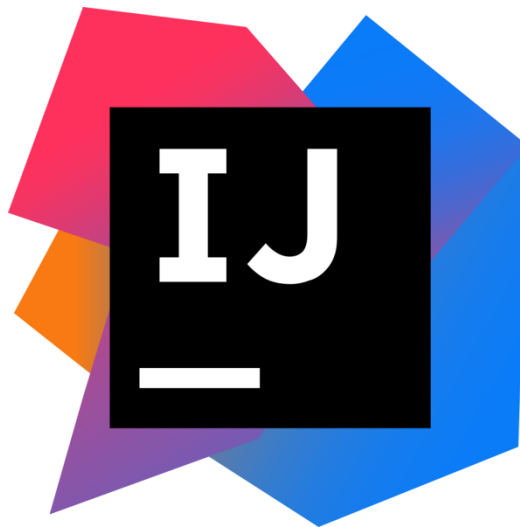**Author:**   **Mehak Singh**

Thesis Advisor: (**Jānis Pekša, Dean of IT Dept.)**

Riga, 2025

1. Introduction

IntelliJ IDEA is an *Integrated Development Environment (IDE)* for professional development in Java and Kotlin. It is designed to maximize developer productivity and has a strong focus on privacy and security. It does the routine and repetitive tasks for you by providing clever code completion, static code analysis, and refactoring. It lets you focus on the bright side of software development, making it not only productive but also an enjoyable experience.

2. System Requirements

Before installing IntelliJ IDEA, it's important to make sure that your computer meets the minimum system requirements. Without proper configuration, the software might run slowly or not work at all.
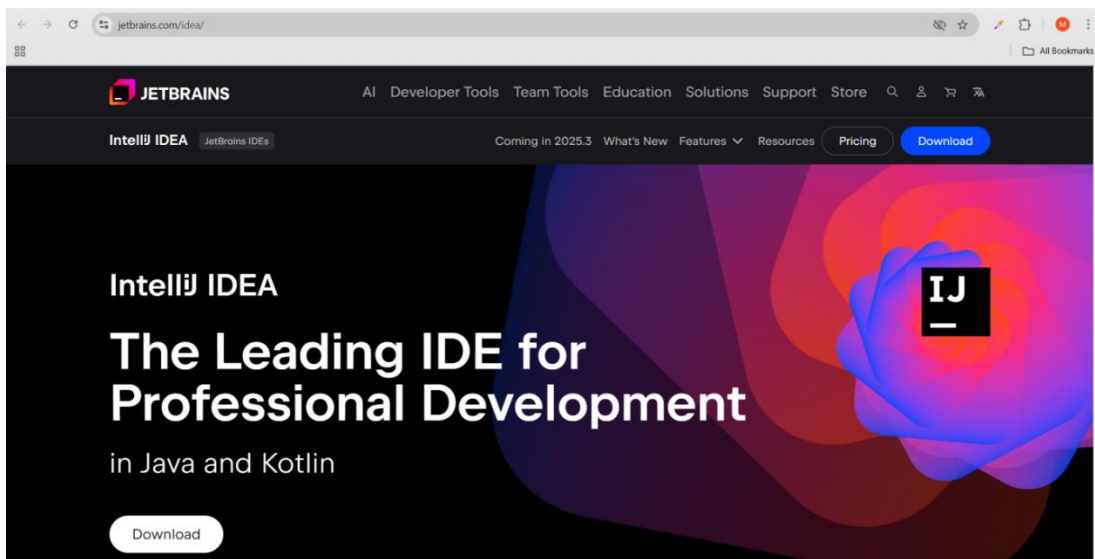
3. Downloading IntelliJ IDEA

Step 1: Visit the Official Website

- Open your web browser and go to the official JetBrains website:
  https://www.jetbrains.com/idea/
- You will see the **"Download"** button on the ho3mepage of IntelliJ IDEA. Click on it.

Step 2: Choose the Edition

- JetBrains offers two versions:
  - **Community Edition** – Free version suitable for students and Java learners.
  - **Ultimate Edition** – Paid version for advanced users and professional developers.
- For most university work and learning purposes, the Community Edition is more than enough.
- Click on Download under the Community Edition.

IntelliJ IDEA Ultimate

The Leading IDE for Professional
Development in Java and Kotlin

Download | .exe (Windows) ∨

Free 30-day trial

We're committed to giving back to our wonderful
community, which is why IntelliJ IDEA Community Edition
is completely free to use

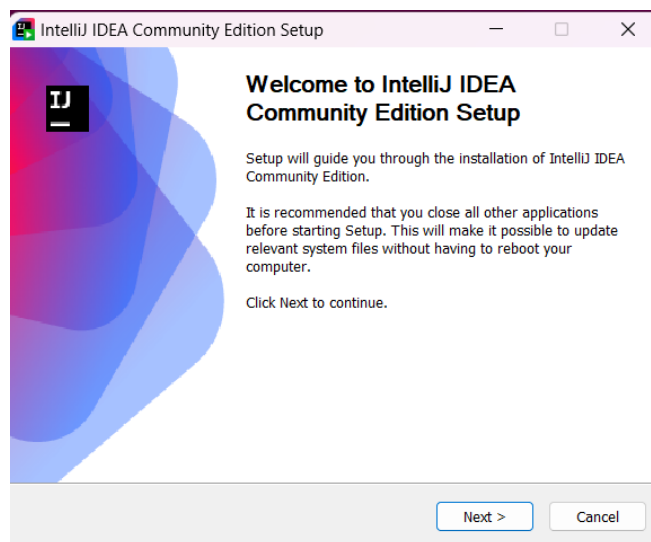IntelliJ IDEA Community Edition

The IDE for Java and Kotlin enthusiasts

Download | .exe (Windows) ∨

Free, built on open source

4. Installing IntelliJ IDEA (Windows Example)

Step 1: Run the Installer

- After downloading, locate the installer file (for example, ideaIC.exe) in your Downloads folder.
- Double-click the file to start the installation wizard.

IntelliJ IDEA Community Edition Setup

Welcome to IntelliJ IDEA Community Edition Setup

Setup will guide you through the installation of IntelliJ IDEA Community Edition.

It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer.

Click Next to continue.

Next >   Cancel

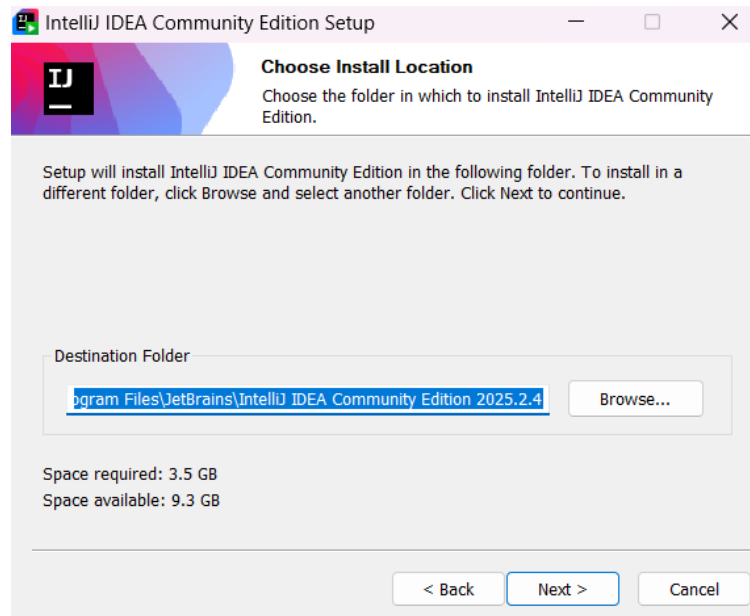## Step 2: Choosing the Installation Location

The next step is selecting where IntelliJ IDEA will be installed on your system.

By default, it selects a folder inside **Program Files → JetBrains**. This is usually the best option for most users.
The window also shows:

- **Space required**: 3.5 GB
- **Space available**: 9.3 GB

If you want to install it in a different folder, you can click **Browse**, otherwise click **Next** to continue.

Step 3: Selecting Installation Options

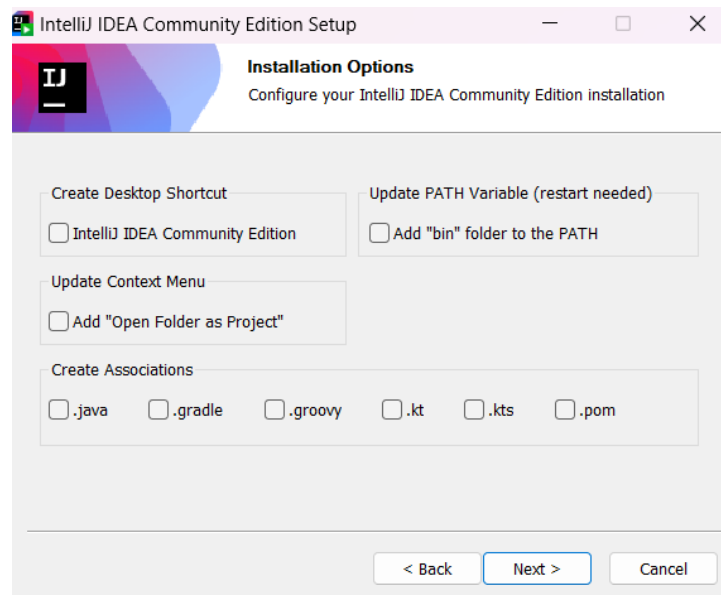In this step, IntelliJ gives you a few optional settings you can enable.

You can choose to:

- Create a **desktop shortcut** (useful for quick access)
- Add "bin" folder to your PATH (for command-line usage)
- Add **"Open Folder as Project"** in the right-click menu
- Associate file types such as **.java**, **.kt**, **.pom**, etc.

These options are optional, but most students prefer:

- ✔Create Desktop Shortcut

- ✔Associate .java files
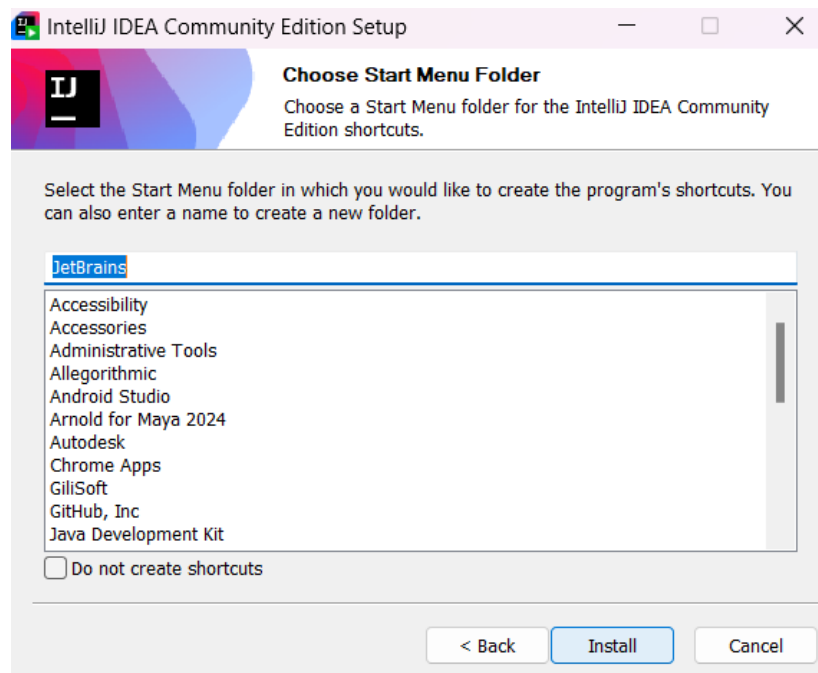
After choosing your preferences, click **Next**.

Step 4: Choosing the Start Menu Folder

Next, the installer asks where you want the IntelliJ IDEA shortcut to appear in the Start Menu.

You can keep the default folder named **JetBrains**, or choose "Do not create shortcuts" if you prefer a clean Start Menu.
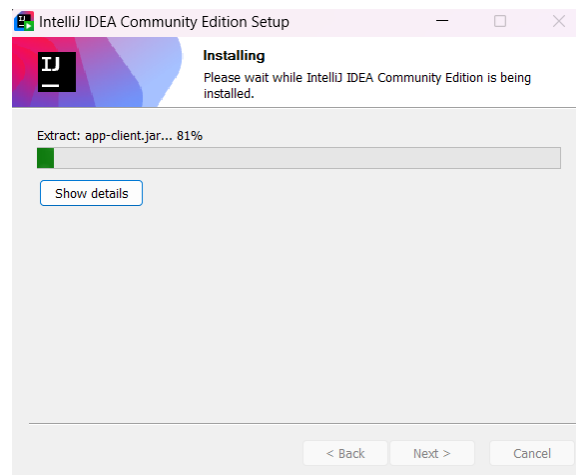Click **Install** when you're ready.

Step 5: Installation in Progress

Once you click Install, IntelliJ starts copying and extracting all required files onto your computer.

During this step, you'll see a progress bar showing which files are being extracted. This may take a few minutes depending on your system's speed. You don't need to do anything here—just wait for the installation to finish.
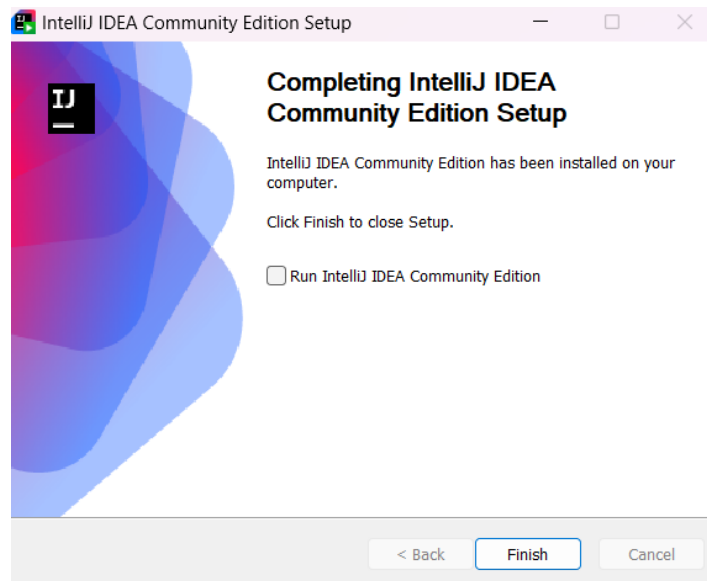

Step 6: Completing the Setup

After the installation is finished, a final window appears confirming that IntelliJ IDEA Community Edition has been successfully installed.

You also get the option:

- **Run IntelliJ IDEA Community Edition**

You can check the box if you want to open IntelliJ immediately.
Click **Finish** to close the installer.
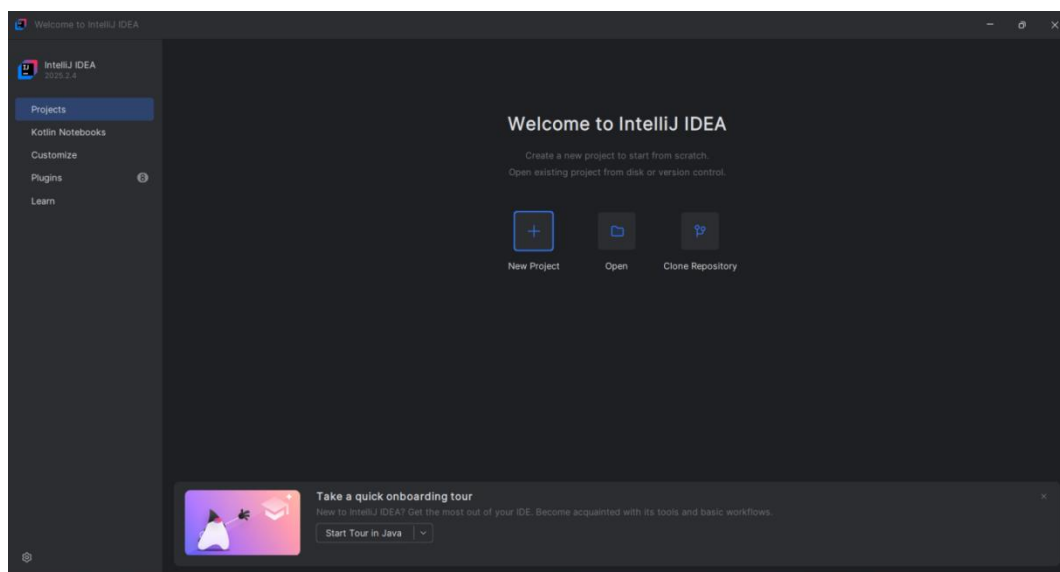
Step 7: Launching IntelliJ IDEA

When the IDE opens for the first time, you are greeted with the main welcome screen.

Here, you can:

- Start a **New Project**
- **Open** an existing project
- **Clone Repository** from GitHub or other version control systems

There is also a helpful onboarding tour at the bottom that introduces you to the IDE's features and shortcuts.

At this point, IntelliJ IDEA is fully installed and ready to use for Java development.

5. Conclusion

Installing IntelliJ IDEA is an easy and straightforward process if you follow the steps carefully. Once it's set up with the Java Development Kit, it becomes a complete environment for learning and building Java applications. Its **user-friendly interface**, combined with **powerful coding and debugging tools**, makes it an ideal choice for both beginners and professionals.

After installation, you can start writing Java programs right away and explore all the features that IntelliJ provides to make programming simple, efficient, and enjoyable.