CS 307
Homework 2 Installation Guide
Java and IntelliJ

Java Development Kit (JDK)

JDK is the superset of JRE. JRE enables you to run Java programs on your computer, but for development you need JDK, which contains the compilers and debuggers. If you haven't done any Java development then it is possible you don't have JDK. You can download the latest version from: http://www.oracle.com/technetwork/java/javase/downloads/index.html

After clicking the download button a new page will come, where you should accept the license agreement and select the version corresponding your operating system (i.e. Linux, MacOS, Windows, etc.)

Installation

The installation is straightforward and has 2 phases. First it installs JDK. Once it finishes a new window with JRE installation guide opens. You do not need to make any selections and clicking "Next" at each step will suffice.
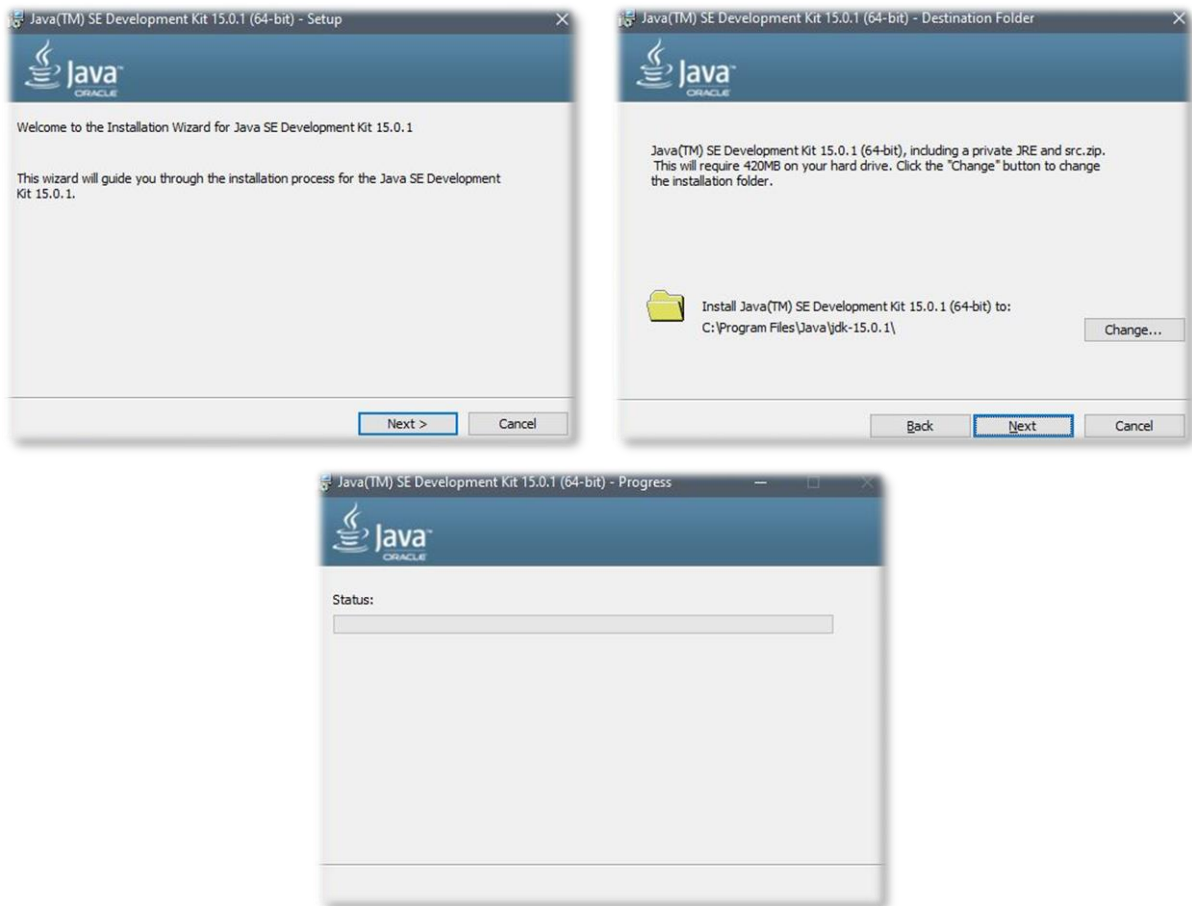
IntelliJ IDEA

Student Account

IntelliJ IDEA belongs to a company named Jetbrains, which hands out student licenses. With that license you can download the complete IDE, which is one of the best development environment for many languages.

Go to: https://jetbrains.com/student and enroll to the program using your sabanciuniv.edu email address. EDU mail addresses are automatically approved for a license.

After you are approved, login to your account and select IntelliJ IDEA Ultimate to download.

JetBrains Product Pack for Students

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Following products included:

- AppCode
- CLion
- DataGrip
- dotCover
- dotMemory
- dotTrace
- GoLand
- IntelliJ IDEA Ultimate
- PhpStorm
- PyCharm
- ReSharper
- ReSharper C++
- Rider
- RubyMine
- WebStorm

After downloading and installing the software, simply run it and follow the on-screen prompts to sign in with your JetBrains Account.

IntelliJ IDEA

Capable and Ergonomic IDE for JVM

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Download IntelliJ IDEA

Windows   Mac   Linux

Ultimate

For web and enterprise development

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Community

For JVM and Android development

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Free, open-source

Once you reach the download page, select the correct operating system (if the system does not recognizes it) and start the download. Depending on your OS the download size should be around 500-700MB.

When you are done with installation, you can drag and drop the homework file to open. If you right click, and press run it will build a solution, after that you can run with the run button at the top.