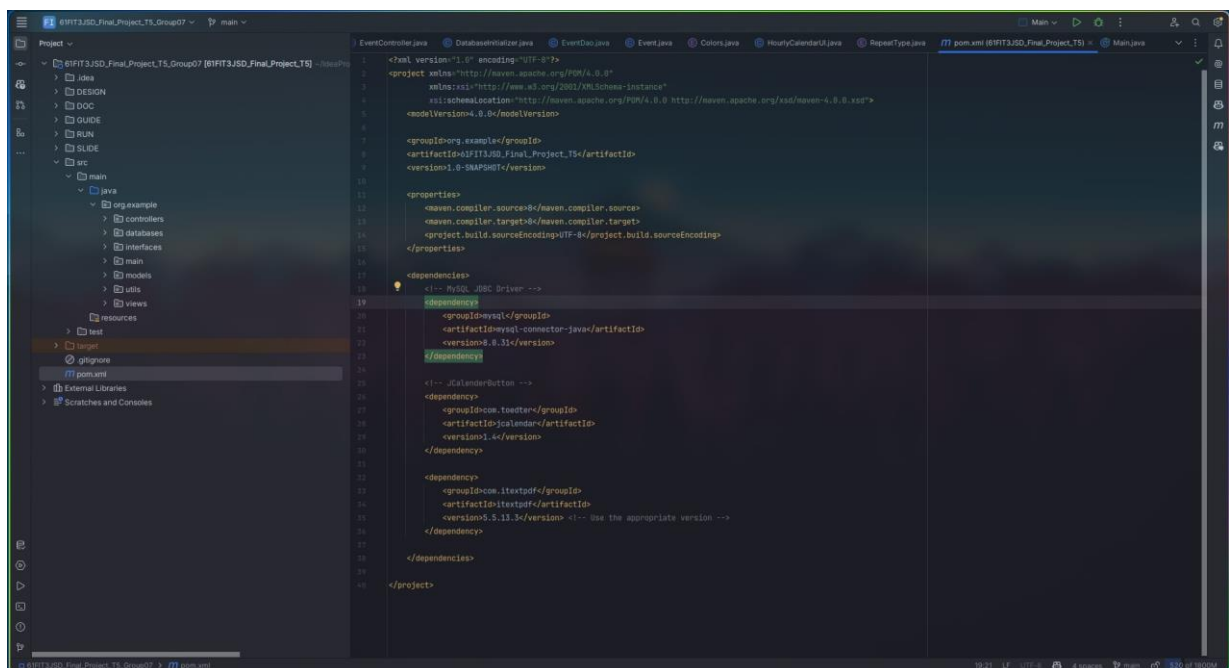# Guide to Running the Timetable Scheduler Application

This document provides a straightforward guide to running the Timetable Scheduler application developed in Java Swing using Maven for dependency management. Follow these steps to set up, build, and run the application in IntelliJ IDEA.
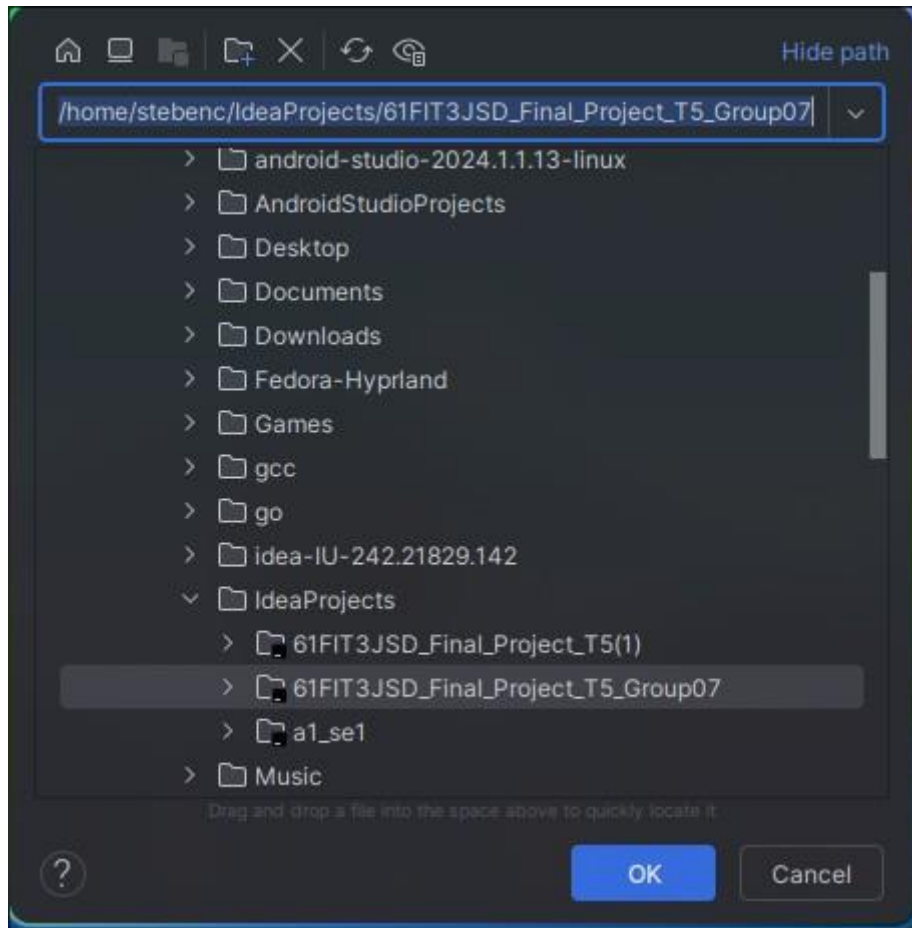
1. Prerequisites

Required Software

- Java Development Kit (JDK): Version 11 or higher
- IntelliJ IDEA: Download and install from
  [JetBrains]Project File
- pom.xml: This file manages dependencies and project configuration.

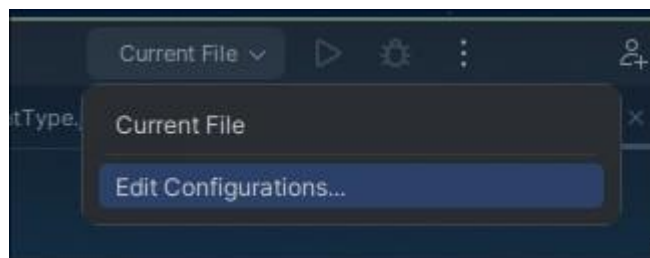

2. Setting Up the Project

1. Open IntelliJ IDEA:

- Start IntelliJ IDEA and select `Open or Import`.
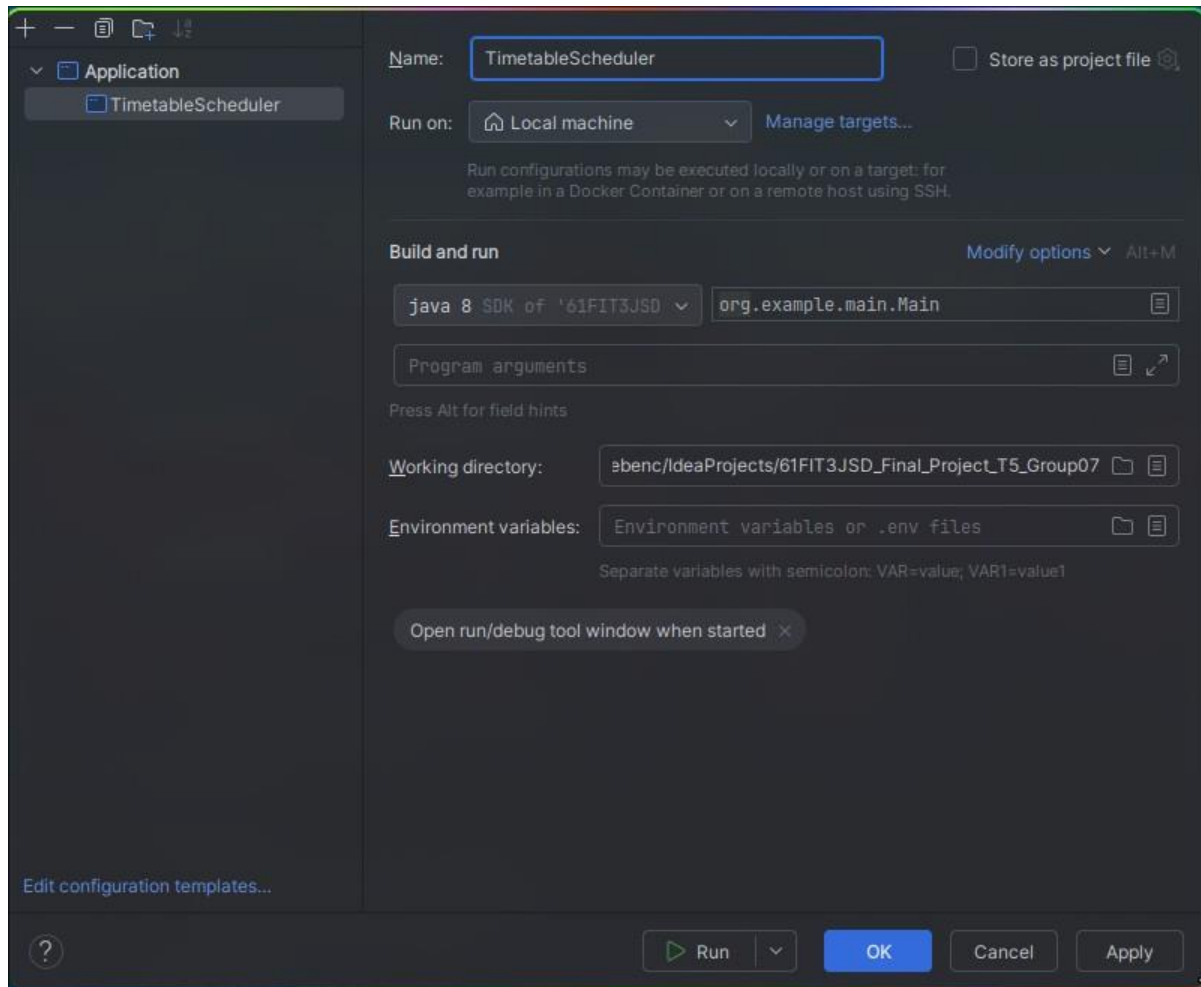- Navigate to the project directory containing `pom.xml` and open it.

3. Running the Application

1. Set Up Run Configuration:

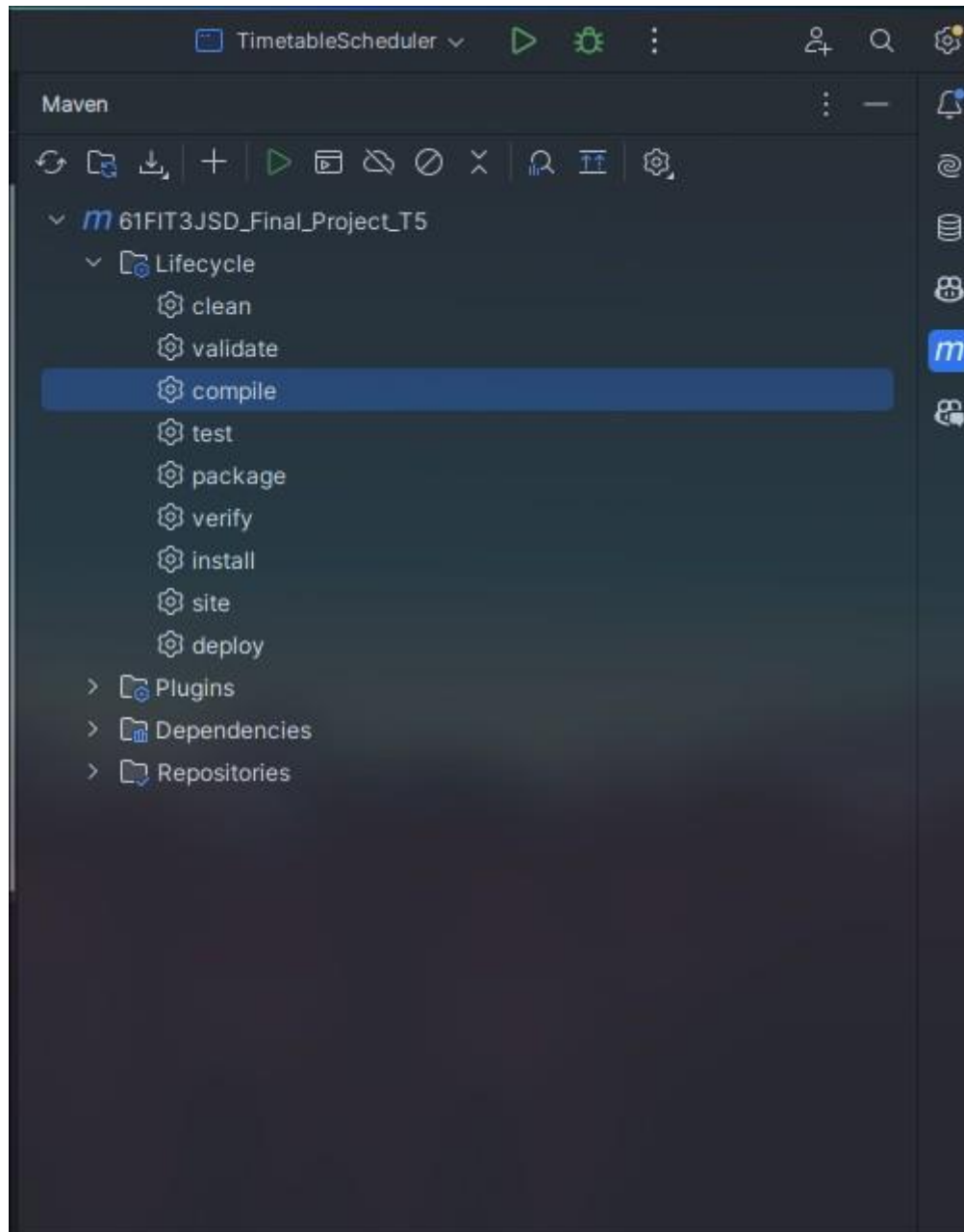- Go to `Run > Edit Configurations` in the menu.

- Click the `+` icon, select `Application`, and name it (e.g., TimetableScheduler).
- In the `Main class` field, set it to the main class of your project, where the `main` method is located in src/main/java/org/example/main.

2. Compile the Project:

- Open the Maven tool window (usually on the right sidebar).
- Go to `Lifecycle` and double-click on `compile` to build the project.

3. Run the Application:

- Click the Run button (green triangle icon) at the top of IntelliJ IDEA, or press `Shift + F10`.
- The application's GUI should now open, displaying the timetable scheduler interface.

4. Troubleshooting Tips

- Dependency Issues: If you encounter errors related to missing dependencies, re-import the Mavenproject by right-clicking on `pom.xml` and selecting `Reload Project`.
- GUI Layout: Ensure any layout changes in Swing components are handled in the correct event dispatch thread.
- This guide covers the basic setup and running process for the Timetable Scheduler application in IntelliJ IDEA. You're ready to explore and expand the application from here!