



Guided Lab - 303.1.2B

How to Run Java Programs in IntelliJ Ultimate

Introduction:

In this lab, we will demonstrate how to run Java programs using IntelliJ Ultimate.

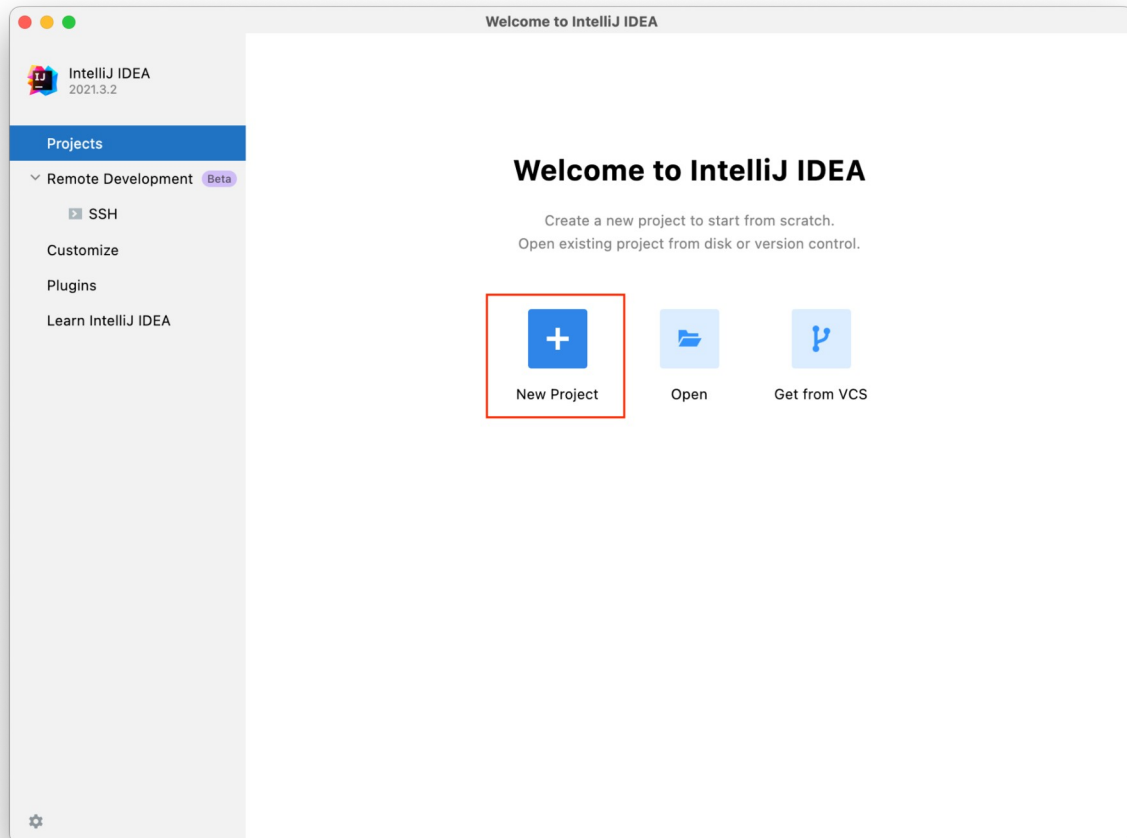
Lab Objective:

By the end of this lab, learners should be able to run a Java program using IntelliJ Ultimate.

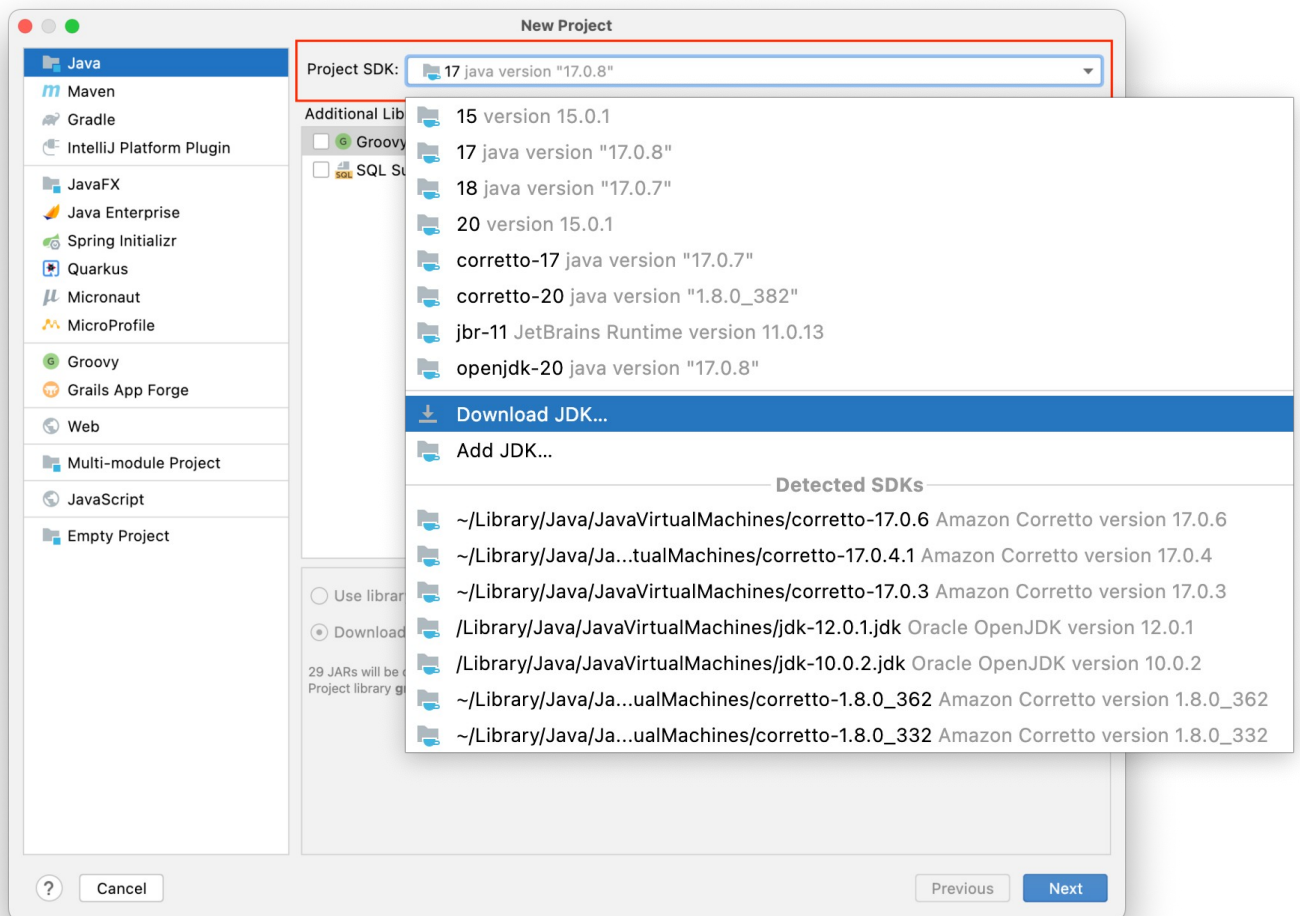
Instructions

For this lab, you must have IntelliJ Ultimate pre-installed on your computer. Download IntelliJ here [IntelliJ download](#).

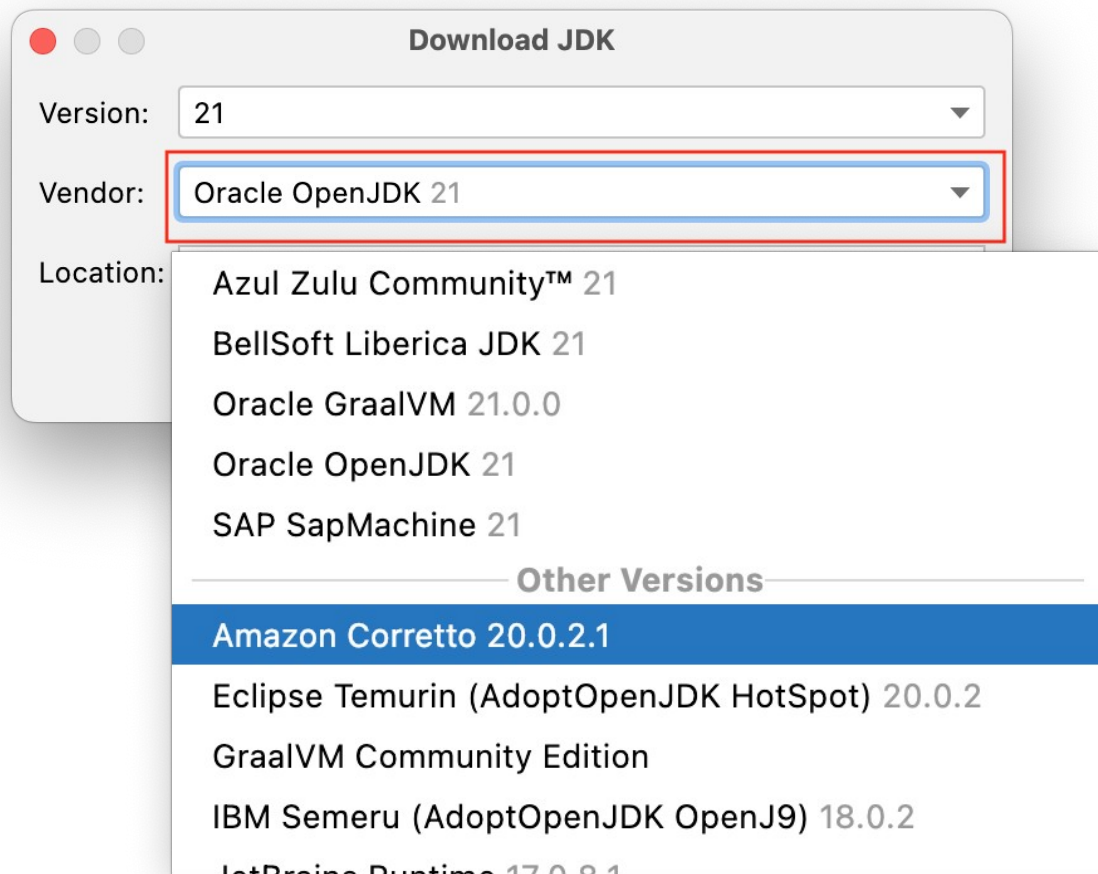
1. Open IntelliJ Ultimate and click on New project.



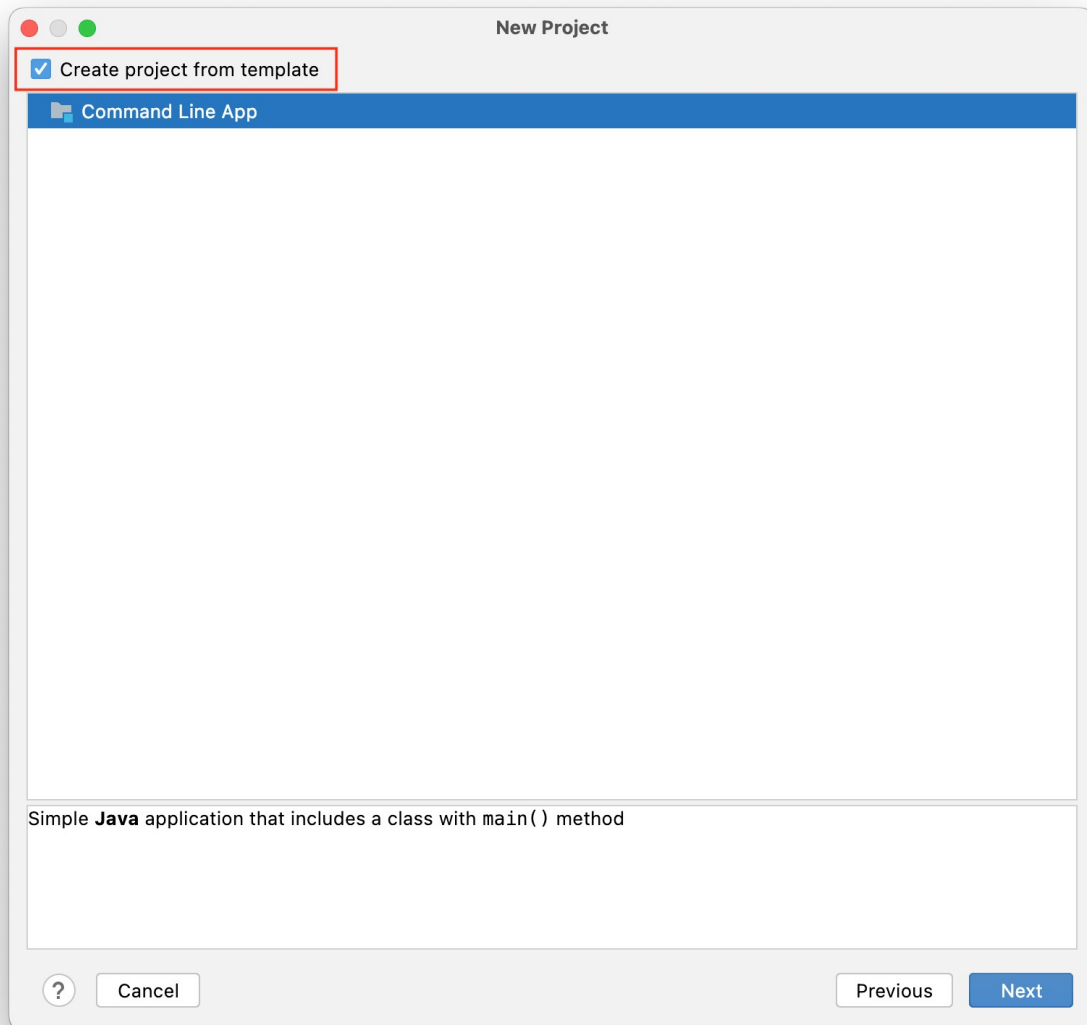
2. Go to the JDK section and click on the dropdown bar. Next click on Download JDK.



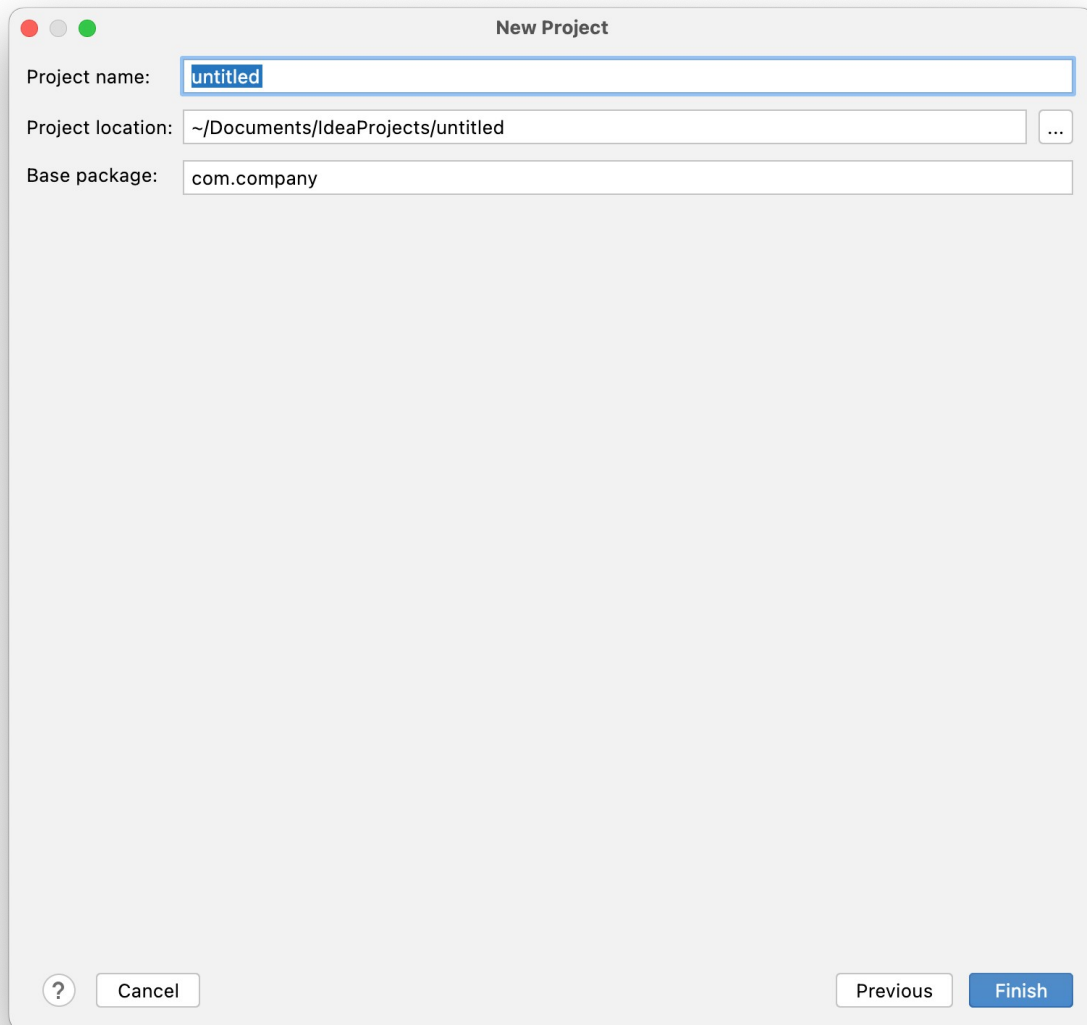
3. Go to the vendor dropdown menu and click on **Amazon Corretto**. After downloading the appropriate version, click **Next** at the bottom right-hand corner.



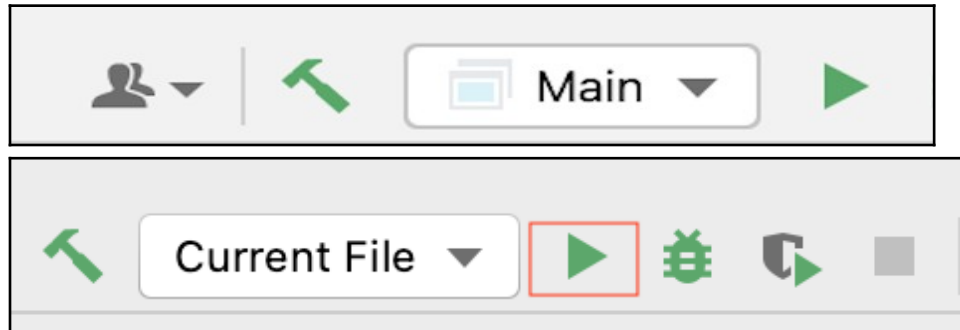
4. Click on the *(Create project from template)* checkbox.



5. Name your new project.



6. To run a program in IntelliJ, click on the green Play icon in the top-right or left corner, depending on your version and layout. You may see the **Main** or **Current** file depending on your version.



7. Output

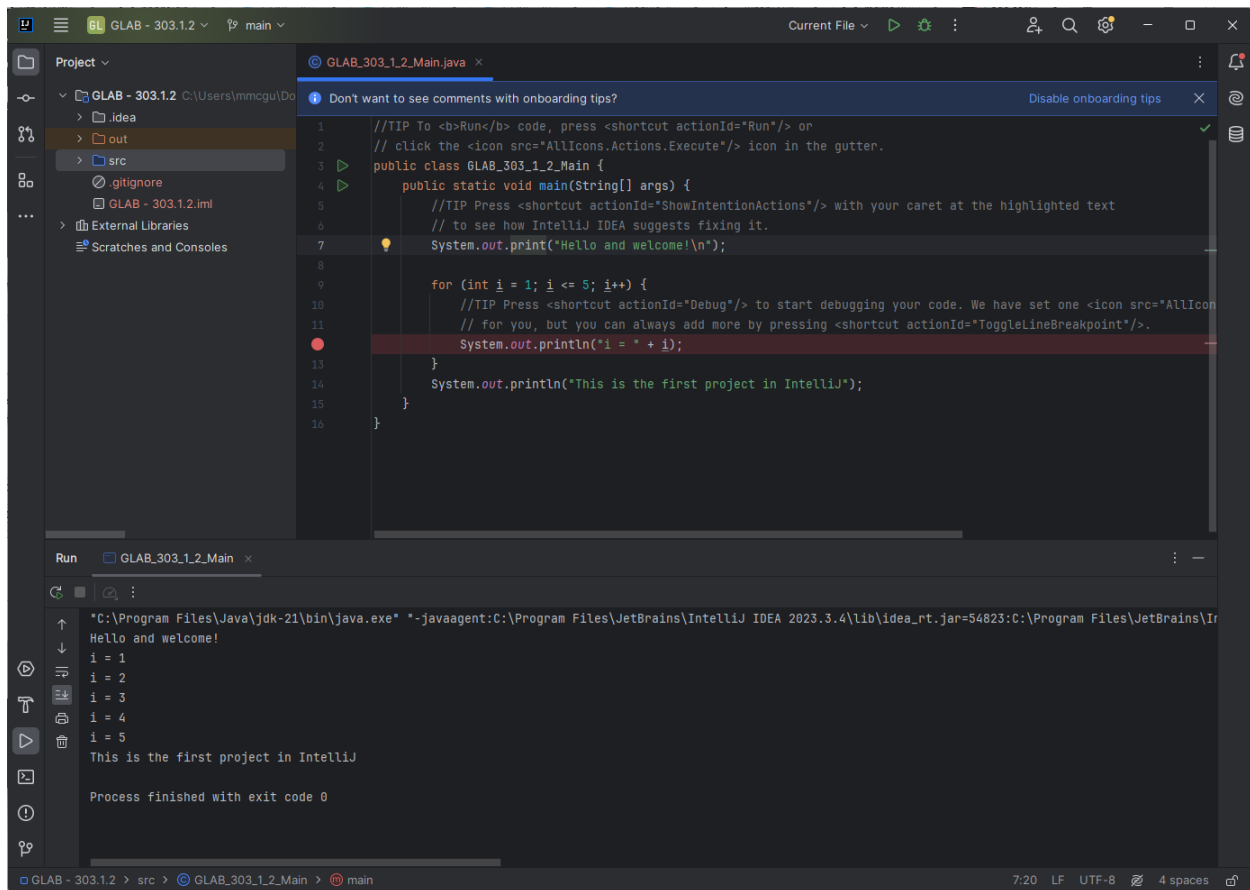


Submission Instructions:

Submission Instructions:

Include the following deliverables in your submission -

- Submit your screenshot using the Start Assignment button in the top right corner of the assignment page in Canvas.



```

1 //TIP To <b>Run</b> code, press <shortcut actionId="Run"/> or
2 // click the <icon src="AllIcons.Actions.Execute"/> icon in the gutter.
3 public class GLAB_303_1_2_Main {
4     public static void main(String[] args) {
5         //TIP Press <shortcut actionId="ShowIntentionActions"/> with your caret at the highlighted text
6         // to see how IntelliJ IDEA suggests fixing it.
7         System.out.print("Hello and welcome!\n");
8
9         for (int i = 1; i <= 5; i++) {
10            //TIP Press <shortcut actionId="Debug"/> to start debugging your code. We have set one <icon src="AllIcons.Actions.Debug"/>
11            // for you, but you can always add more by pressing <shortcut actionId="ToggleLineBreakpoint"/>.
12            System.out.println("i = " + i);
13        }
14        System.out.println("This is the first project in IntelliJ");
15    }
16 }

```

Run GLAB_303_1_2_Main

```

"C:\Program Files\Java\jdk-21\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2023.3.4\lib\idea_rt.jar=54823:C:\Program Files\JetBrains\I
Hello and welcome!
i = 1
i = 2
i = 3
i = 4
i = 5
This is the first project in IntelliJ
Process finished with exit code 0

```

Above is a screenshot of a running Java Project in IntelliJ

CANVAS STAFF USE ONLY: Canvas Submission Guideline:

Instructions for Canvas Assignment Creation

Assignment Name: GLAB - 303.1.2- How to Run Java Program in IntelliJ Ultimate
Points: 100

Assignment Group: Module 303: Java SE Review (Not Graded)

Display Grade As: Complete/Incomplete

Do not count this assignment towards the final grade: Checked

Submission Types: File Uploads

Everything else is the default.

