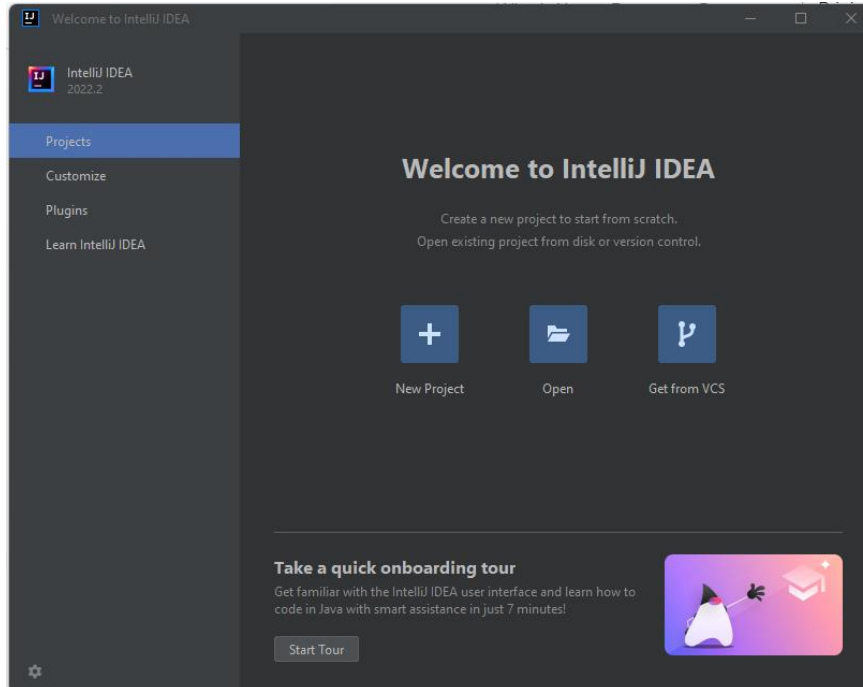
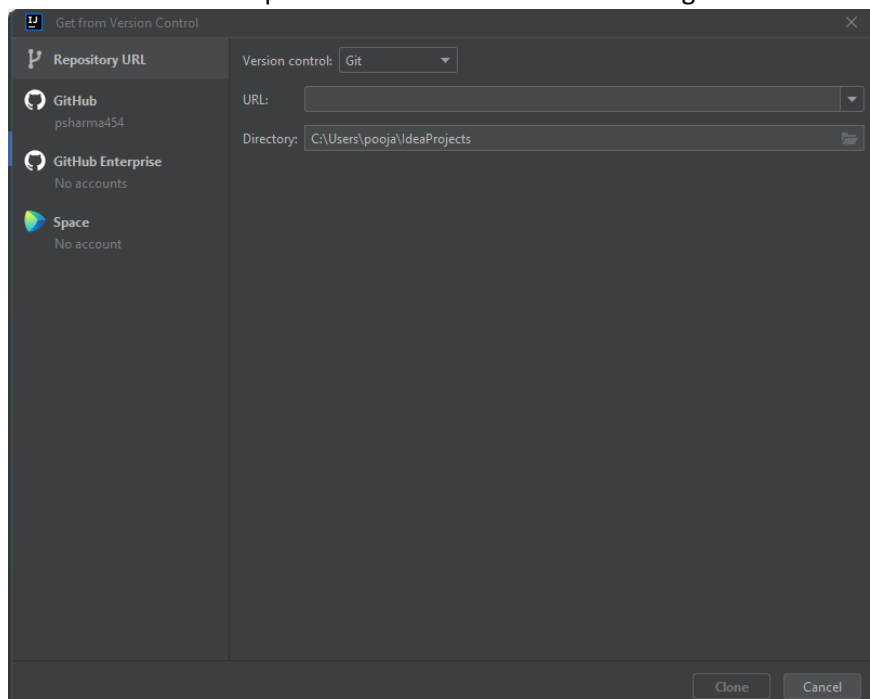


Running Cash Dispenser Project Using IntelliJ (on windows)

1. Download and install Community version of IntelliJ from this link:
<https://www.jetbrains.com/idea/download/#section=windows>
2. Start-up IntelliJ. You should see the following screen.

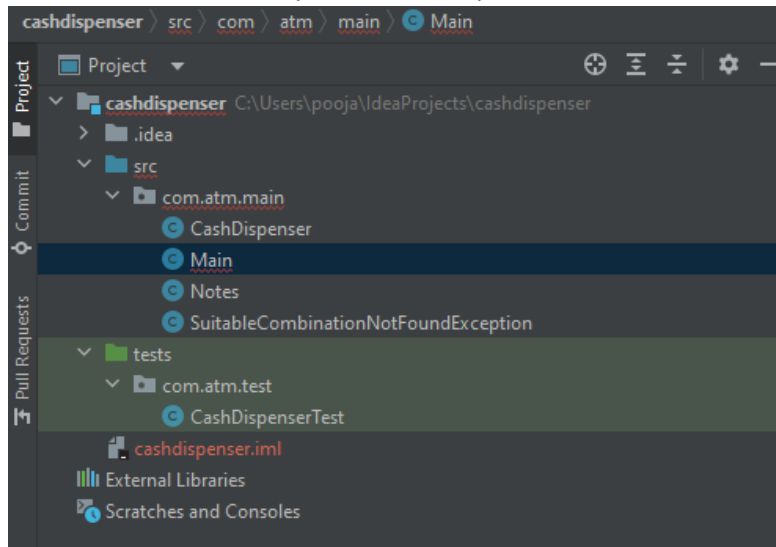


3. Click “Get from VCS option”. You should see the following screen.

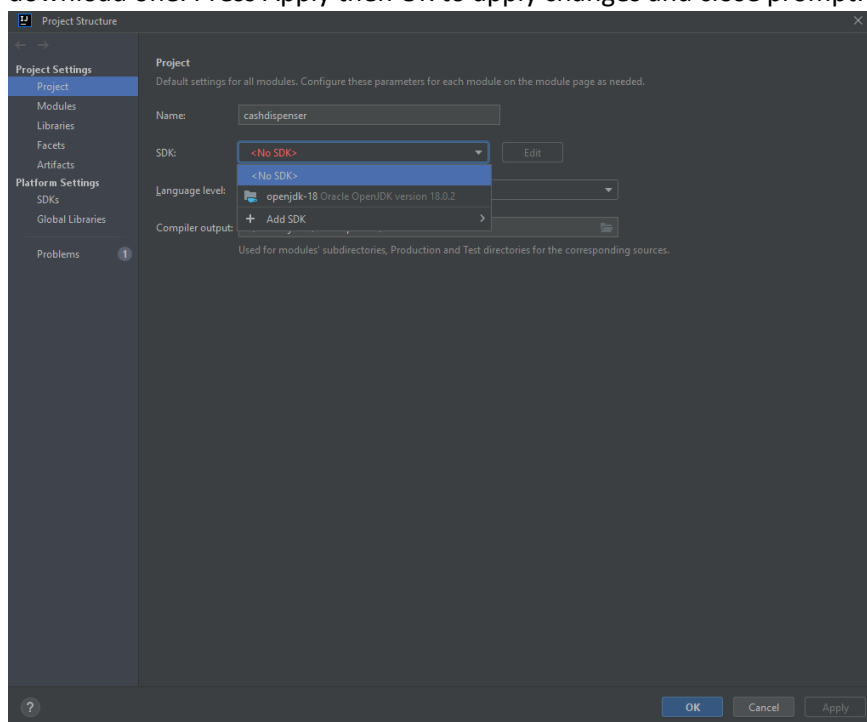


4. Copy and paste this link (<https://github.com/psharma454/cashdispenser.git>) into the URL field and choose a local directory path you want to clone the project into. Click clone to continue.

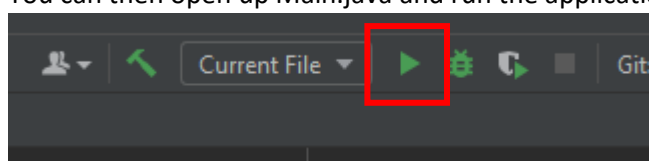
5. This should open up the project. You will be able to find the main class here:
`~\yourChosenPathLocation\cashdispenser\src\com\atm\main\Main.java`. There will be errors since we haven't yet set the JDK path.



6. To set the JDK path, go to **File -> Project Structure** then use the SDK dropdown to select your jdk version. If there is no JDK present, then you can click on **Add SDK -> Download** to download one. Press Apply then OK to apply changes and close prompt.

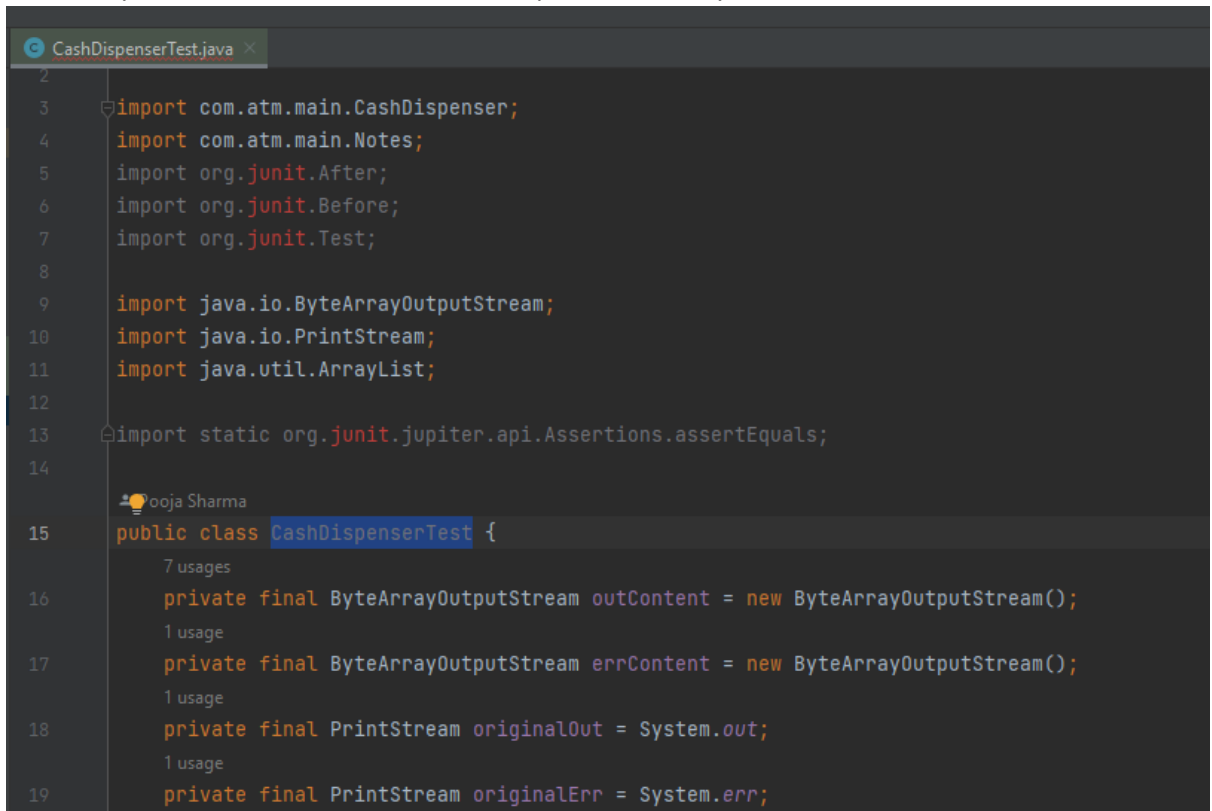


7. You can then open up Main.java and run the application using the run button.



Running Tests

1. You will be able to find the main test class here:
`~\yourChosenPathLocation\cashdispenser\tests\com\atm\test\CashDispenserTest.java`.
 There may be errors if JUnit has not been imported correctly.

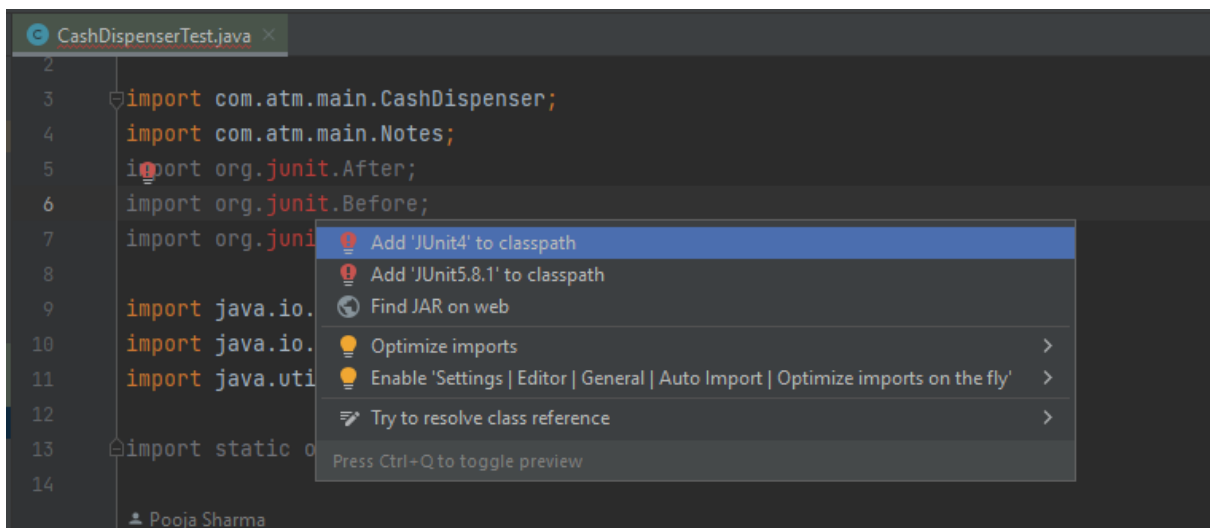


```

2
3  import com.atm.main.CashDispenser;
4      import com.atm.main.Notes;
5      import org.junit.After;
6      import org.junit.Before;
7      import org.junit.Test;
8
9      import java.io.ByteArrayOutputStream;
10     import java.io.PrintStream;
11     import java.util.ArrayList;
12
13     import static org.junit.jupiter.api.Assertions.assertEquals;
14
15     public class CashDispenserTest {
16         private final ByteArrayOutputStream outContent = new ByteArrayOutputStream();
17         private final ByteArrayOutputStream errContent = new ByteArrayOutputStream();
18         private final PrintStream originalOut = System.out;
19         private final PrintStream originalErr = System.err;

```

2. Put your keyboard cursor on an import that's causing an issue and press Alt+Enter. You should see this dropdown appear. Select the "Add 'JUnit4' to classpath" option.



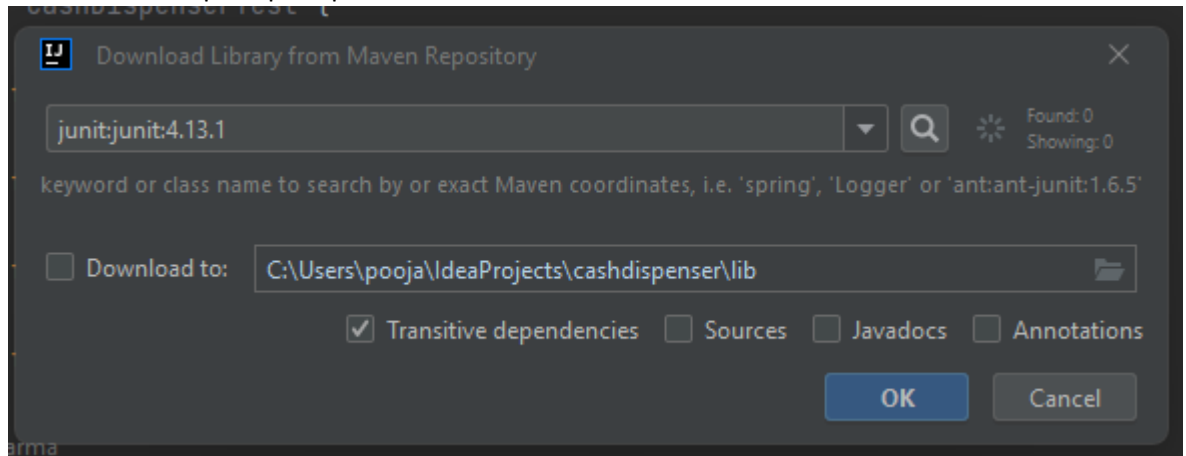
```

2
3  import com.atm.main.CashDispenser;
4      import com.atm.main.Notes;
5      import org.junit.After;
6      import org.junit.Before;
7      import org.junit.Test;
8
9      import java.io.ByteArrayOutputStream;
10     import java.io.PrintStream;
11     import java.util.ArrayList;
12
13     import static org.junit.jupiter.api.Assertions.assertEquals;
14
15     public class CashDispenserTest {
16         private final ByteArrayOutputStream outContent = new ByteArrayOutputStream();
17         private final ByteArrayOutputStream errContent = new ByteArrayOutputStream();
18         private final PrintStream originalOut = System.out;
19         private final PrintStream originalErr = System.err;

```

Add 'JUnit4' to classpath
 Add 'JUnit5.8.1' to classpath
 Find JAR on web
 Optimize imports
 Enable 'Settings | Editor | General | Auto Import | Optimize imports on the fly'
 Try to resolve class reference
 Press Ctrl+Q to toggle preview

3. Press OK on the prompt to proceed.



4. You can then run the tests.

