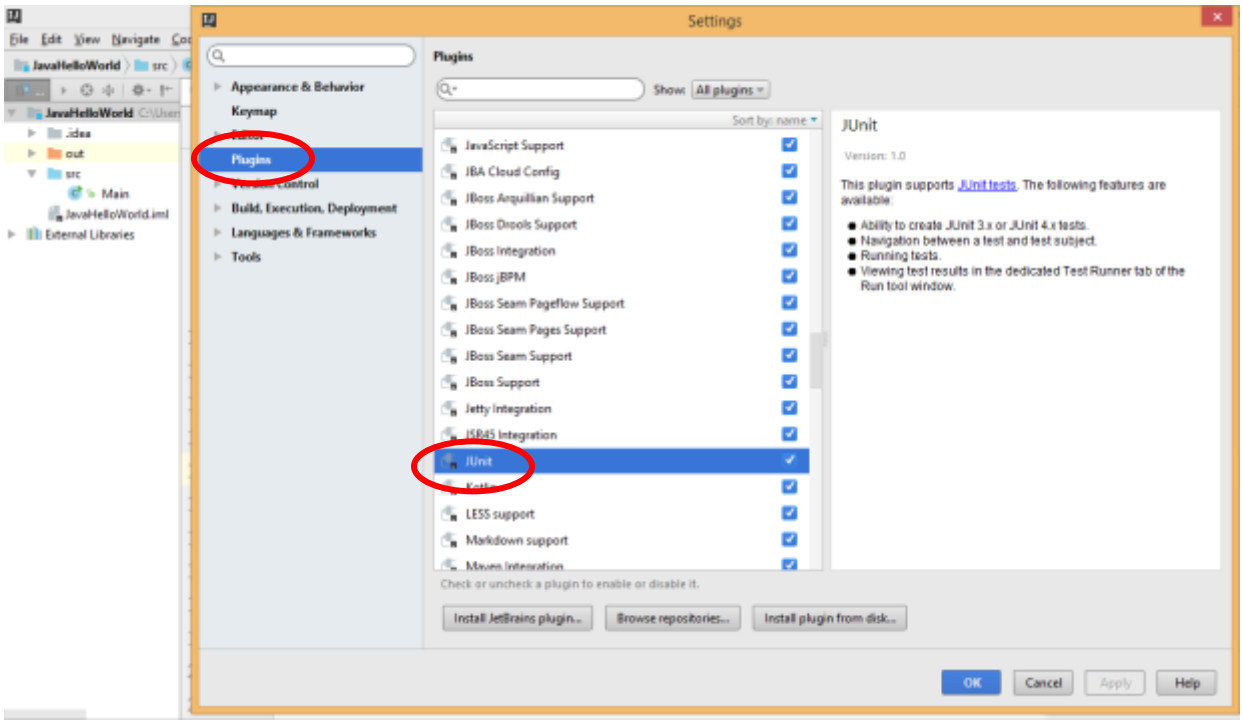
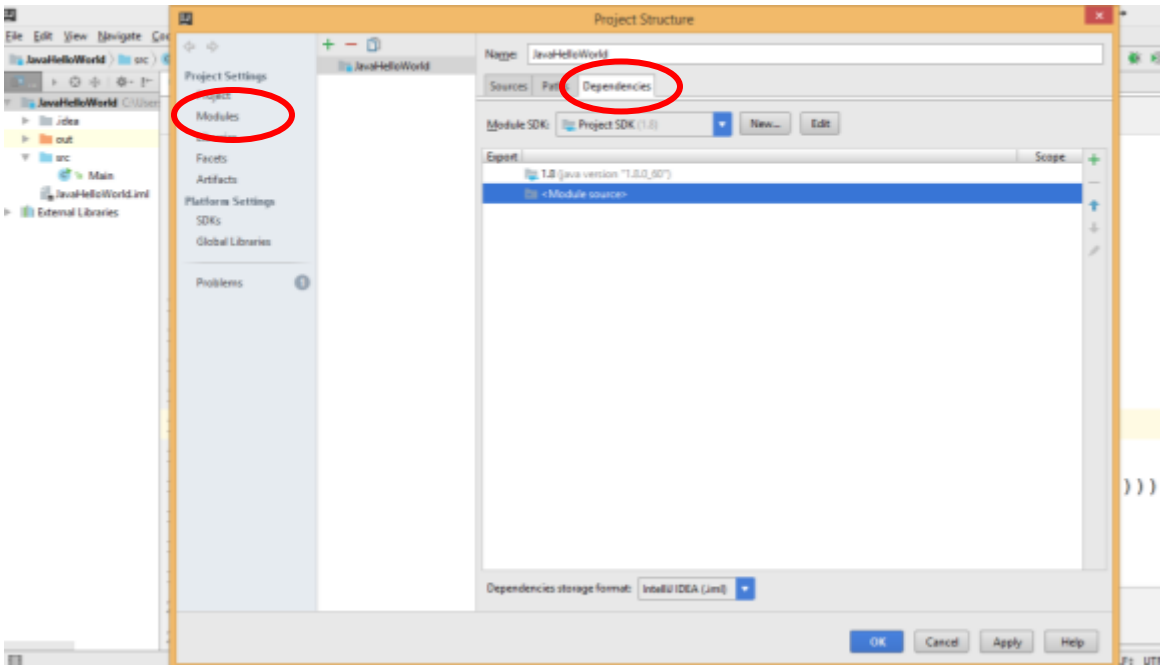
Junit Setup for IntelliJ Idea:

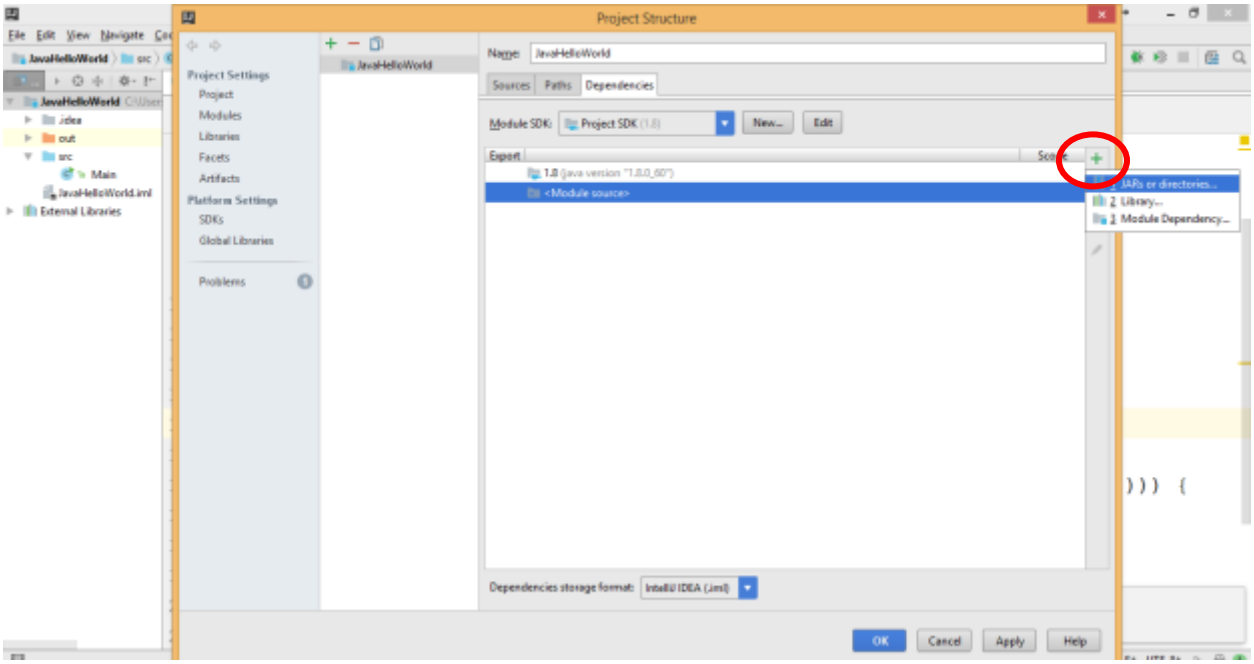
1. Download the jar files for the Junit testing (Junit-4.12.jar and hamcrest-core-1.3.jar).
2. In IntelliJ Idea, go to settings (Ctrl + ALT + S). From the Settings window, select the Plugins tab, then look for Junit in the plugins list. Check if the Junit plugin is installed or not, and if not, go and install it.



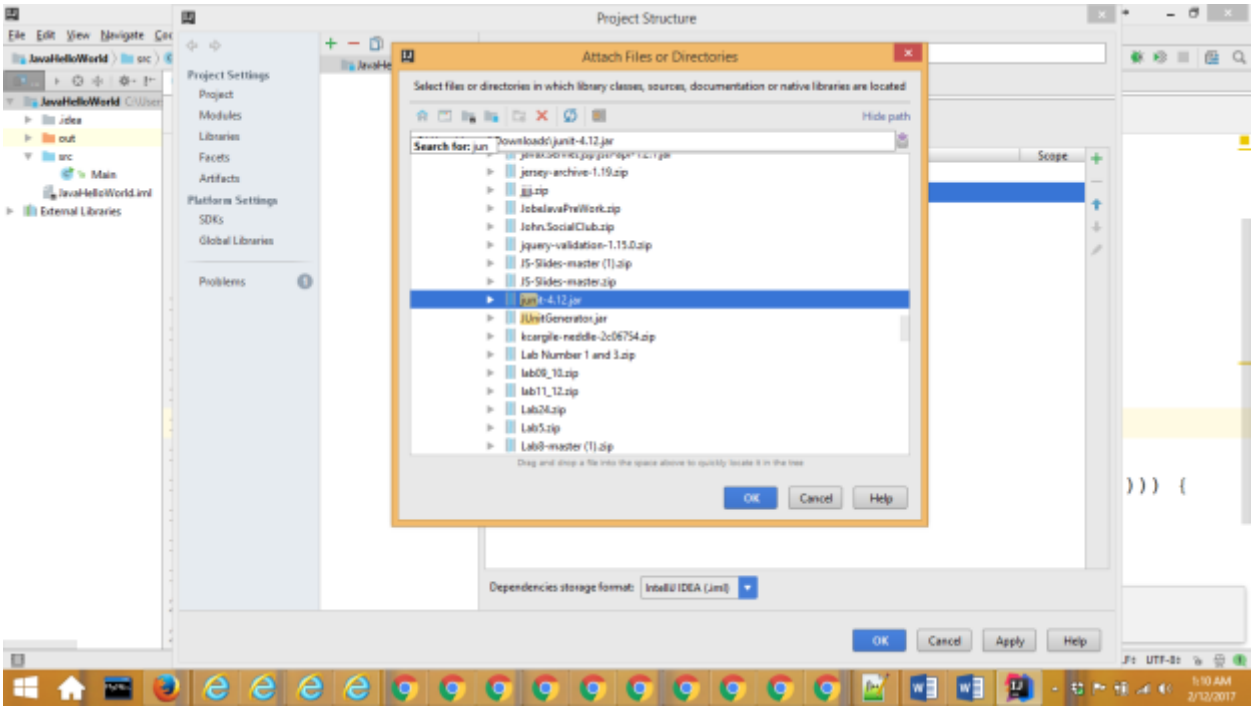
3. Exit the settings window once done installing the plugin, then go to the project structure (can be accessed using CTRL+ALT+SHIFT+S). From there, go to the Modules, then select the Dependencies tab.



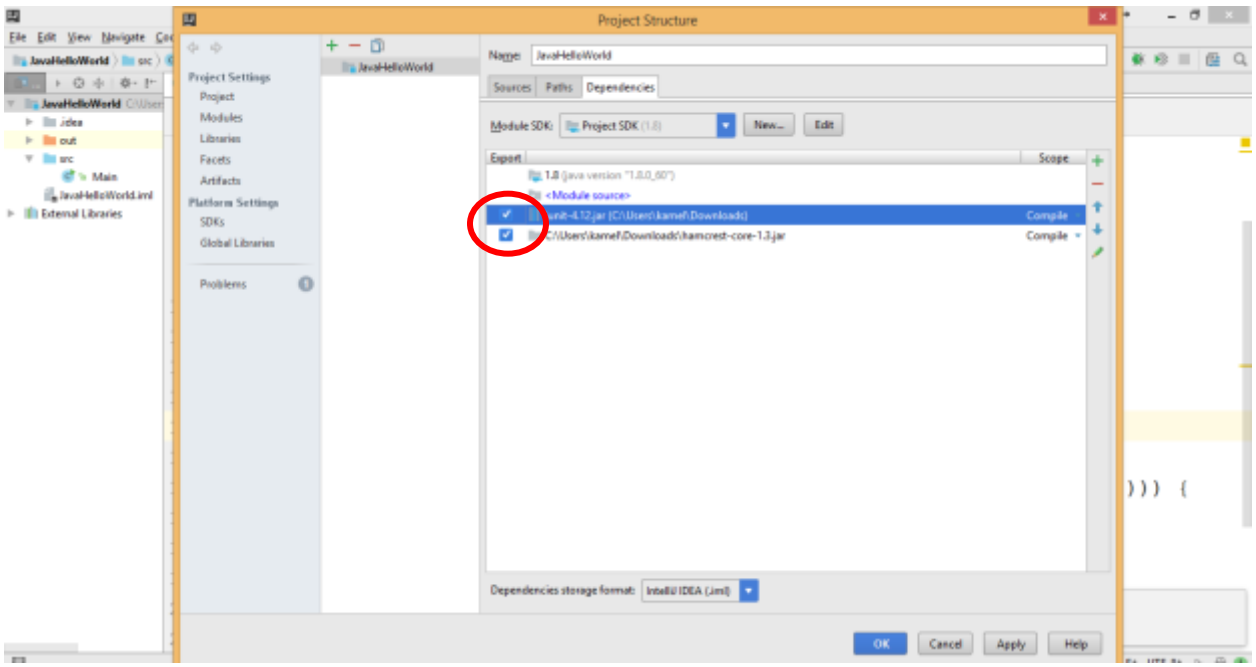
4. Click on the green plus button at the top right corner of the dependencies window. Select the "JARs or directories" option.



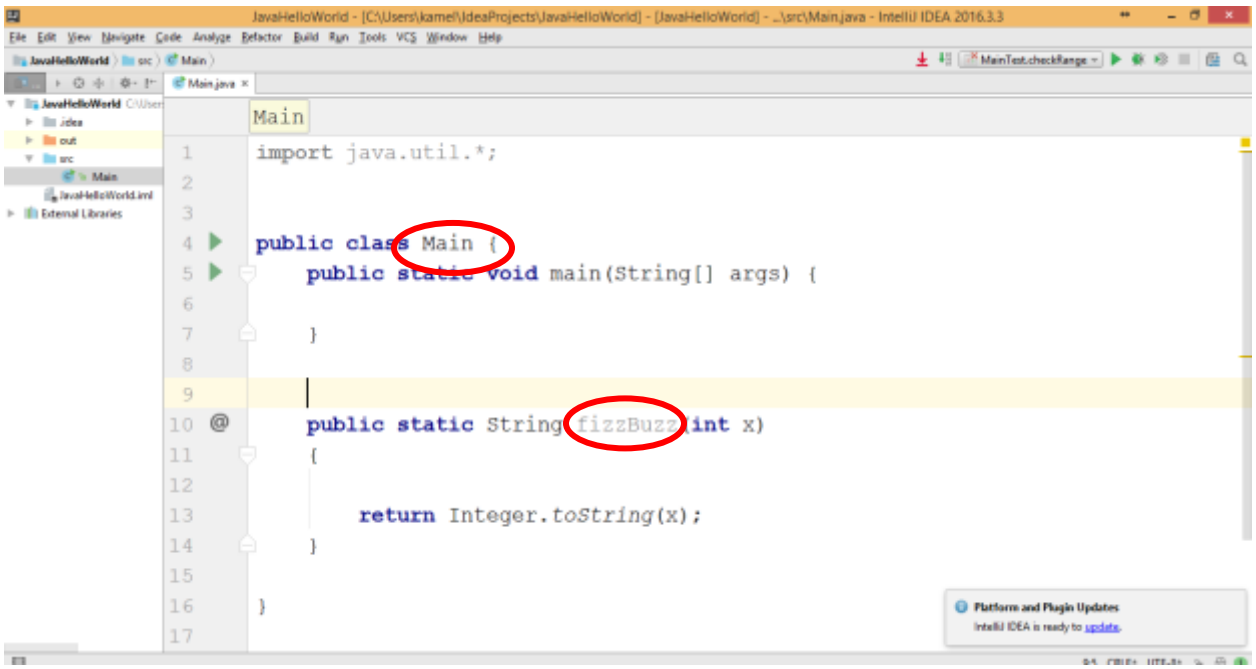
5. Navigate to the download Junit jar file and add it. Then add the hamcrest-core jar file using the same process. You should see the two jar at the dependencies window.



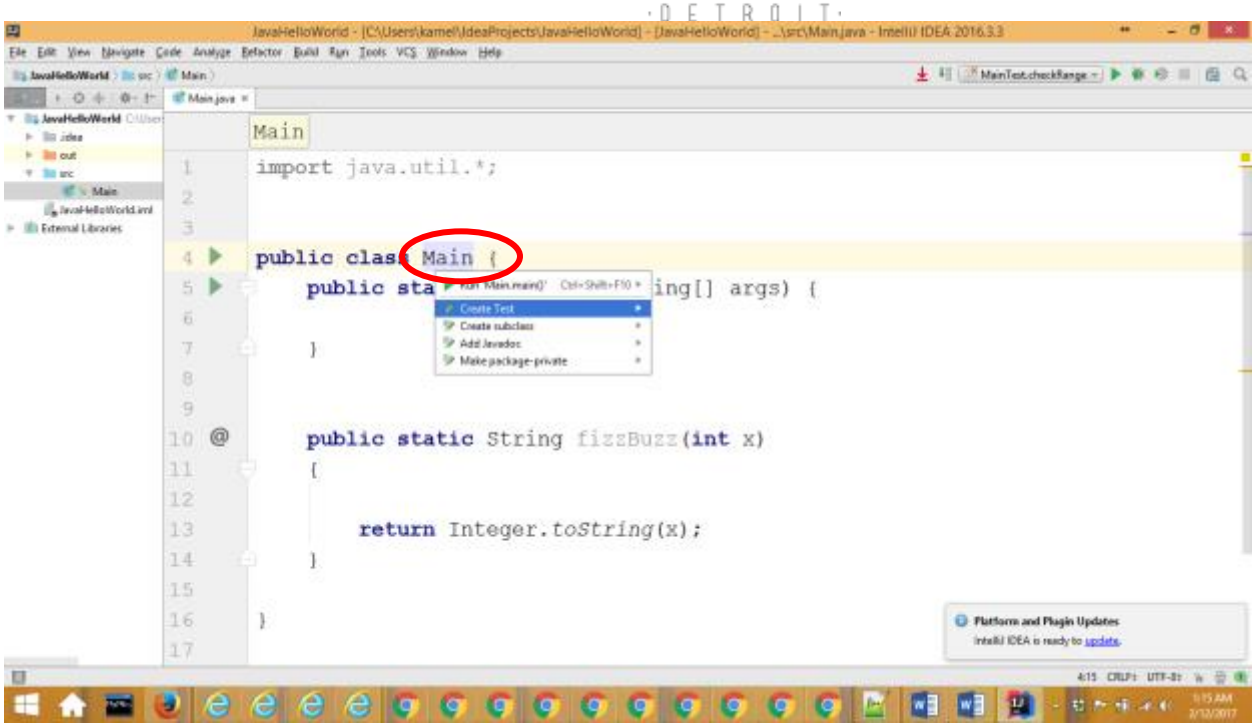
6. Check the export checkboxes to the left of the two jar files, then hit OK.



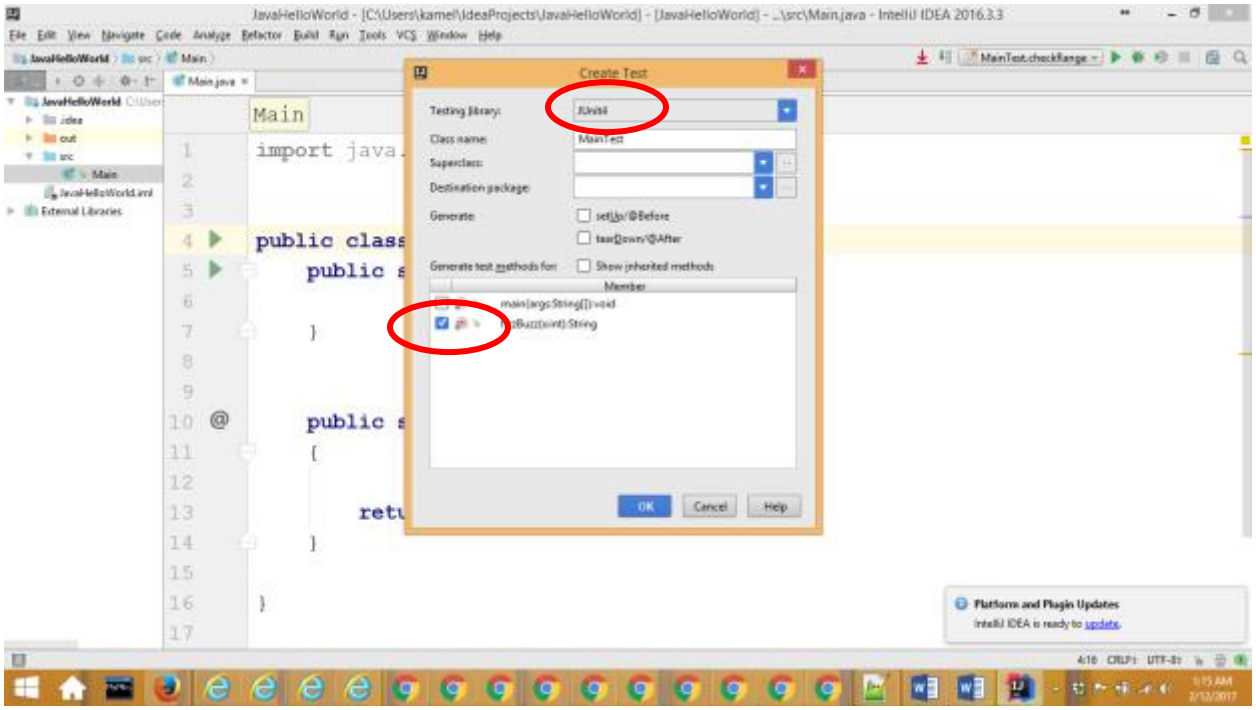
7. To create a test class, go to the class that has the method that you want to test. In this example, the method is called FizzBuzz, and the class is called “Main”.



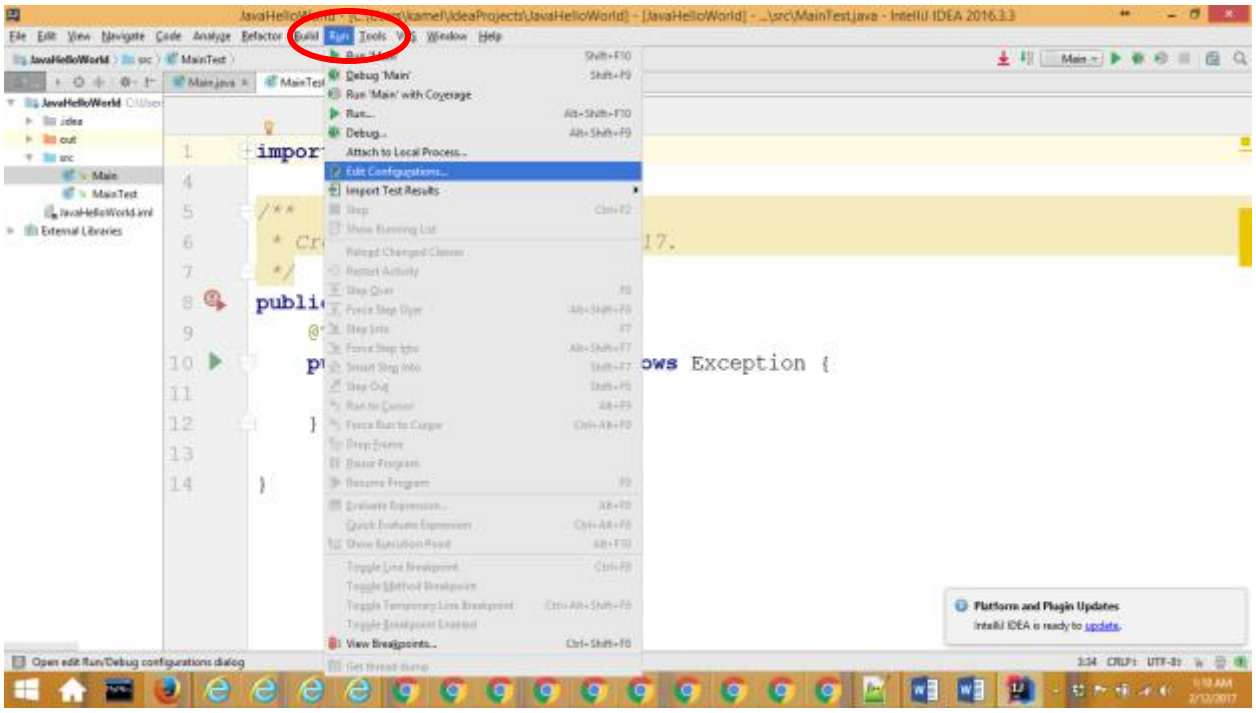
8. Put the mouse cursor on the class’s name, then press ALT and enter. A menu will appear, so go and select create test from that menu.



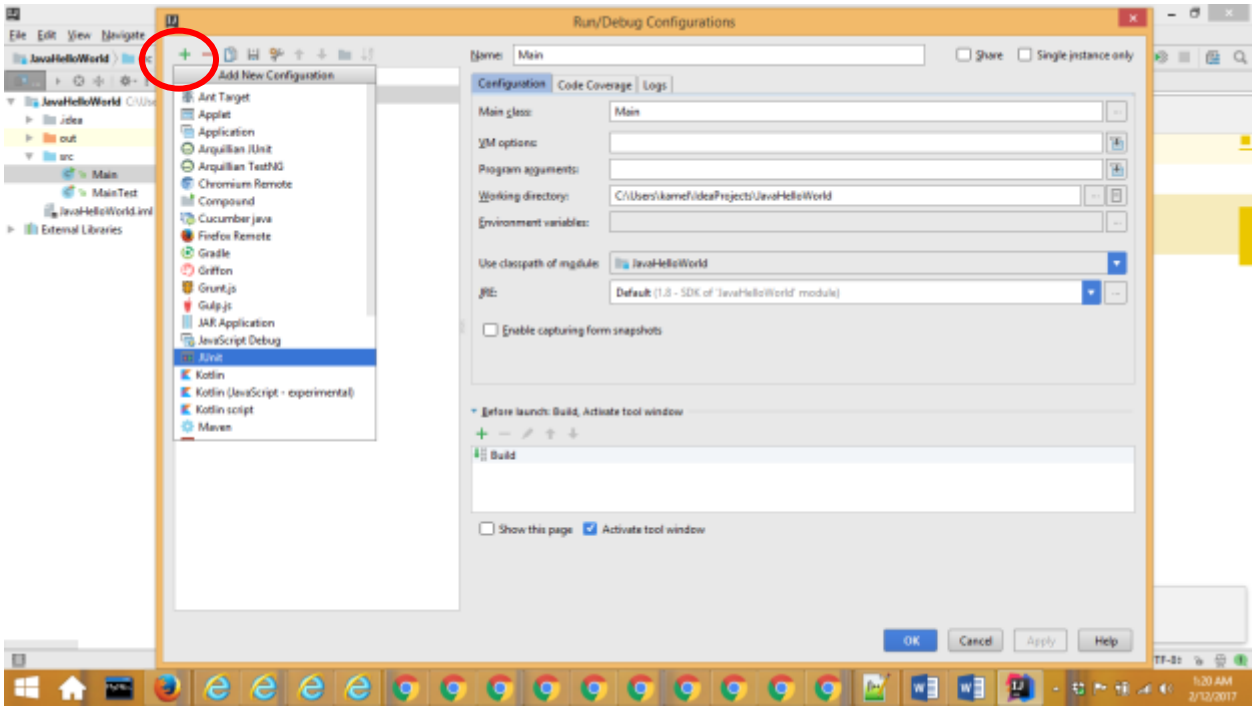
9. From the "Create Test" window, select "Junit 4" as your testing library, and then check the method that we are going to test ("fizzBuzz"). Finish by clicking OK. A new class file will appear.



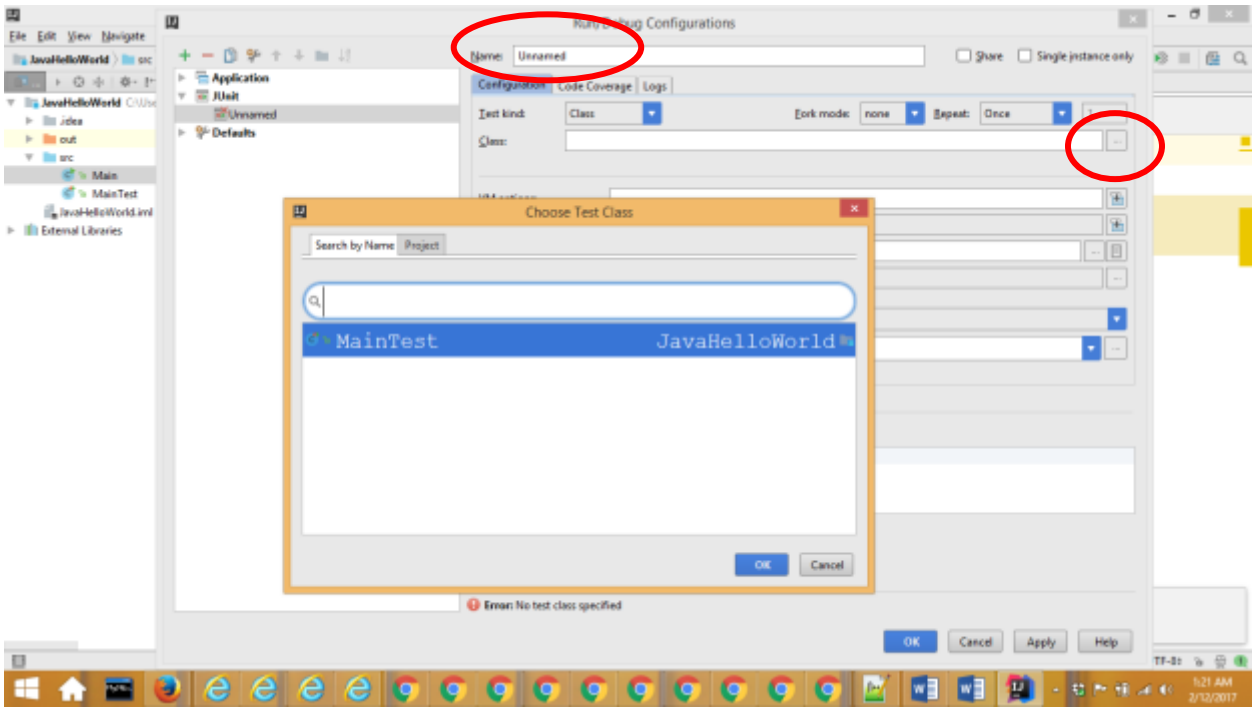
10. To setup the testing running configuration, go to the run menu tab and select “Edit configurations”. A new window will appear.



11. In the Edit configuration window, add a new configuration by clicking the green plus button at the top left corner of the window. From there, navigate to the Junit option and click it.



12. From the new configuration window, you can rename your configuration, and you can select the class that has the tests by clicking on the 3 dotted button to the right of the text box. After that, finish by clicking on OK.



13. You can now run your tests by clicking on the green run button that you used to run your regular programs.