

CheckStyle 6.18  
CS 1332  
Spring 2018  
Version 1.0

To run CheckStyle on your code in the terminal, use the following command: `java -jar checkstyle-6.18-all.jar -c CS1332-checkstyle.xml /path/to/javafiles/MyClass.java`

Example: `java -jar checkstyle-6.18-all.jar -c CS1332-checkstyle.xml ./src/*.java`

You can also run CheckStyle through IntelliJ:

- 1) Go to Settings. On Windows, click **File** in the top-left corner of the IntelliJ window, then click **Settings** in the new menu. On MacOS, click **IntelliJ IDEA** in the top-left corner of your desktop, then click **Settings** in the new menu.
- 2) In the Settings window, click **Plugins** in the panel on the left, then click **Browse repositories...** in the bottom-center of the window.
- 3) In the new window that appears, search for **CheckStyle-IDEA**, click on the matching result, then click **Install** on the right.
- 4) IntelliJ will ask to be restarted. Do so, and then open the **Settings** window again.
- 5) Now expand the **Other Settings** item in the left panel, then click on **Checkstyle**.
- 6) Near the top, change the Checkstyle version to 8.12 or 8.14
- 7) On the right, deselect the default Checks, then click the green plus button on the right. If there are two green plus buttons, click the one on top.
- 8) Write any description you want (**CS1332** makes sense), then click **Browse**.
- 9) Navigate to the **CS1332-checkstyle.xml** on your computer, then click OK. Note: once you complete this step, if you move the XML file, then you must repeat this step. Make sure you put the XML file somewhere you can leave it indefinitely.
- 10) Click **Next** and then **Finish**. Make sure the new rules you added are now checked on the left. Now CheckStyle will run in the background on all your Java files; all rule violations will be underlined in red.