

# Guide to fix the problem with Proplets

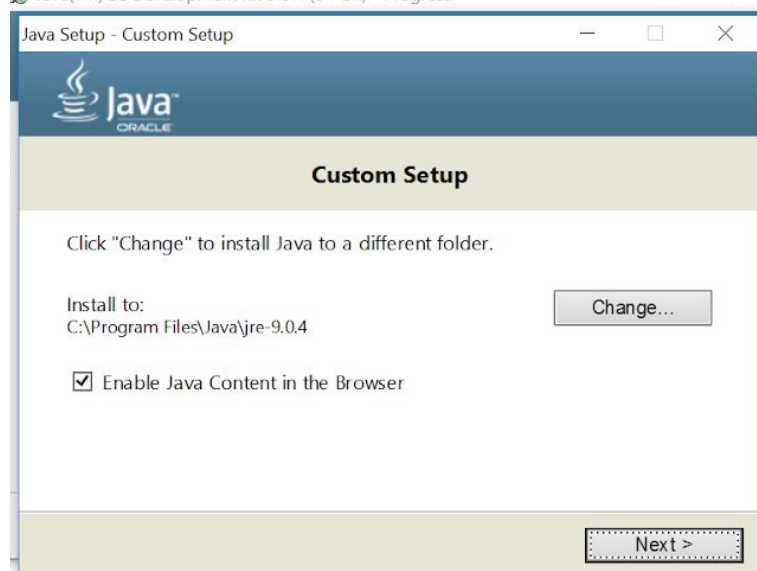
## COP 2512 - IT Programming Fundamentals

In order to fix the problem of not being able to run Proplets on your web browser, please follow the following steps:

1. Make sure you installed JDK. You should download the installer from the following website:

<http://www.oracle.com/technetwork/java/javase/downloads/jdk9-downloads-3848520.htm>  
!

Execute the installer. You may be prompted for the following custom setup. Keep the “Enable Java Content in the browser” option enabled and click **Next**.



The installer will execute, and when it's done you should see a final dialog similar to the next one, informing you that the JDK has been successfully installed.



2. Install Java from the following web page: <https://java.com/en/download/>

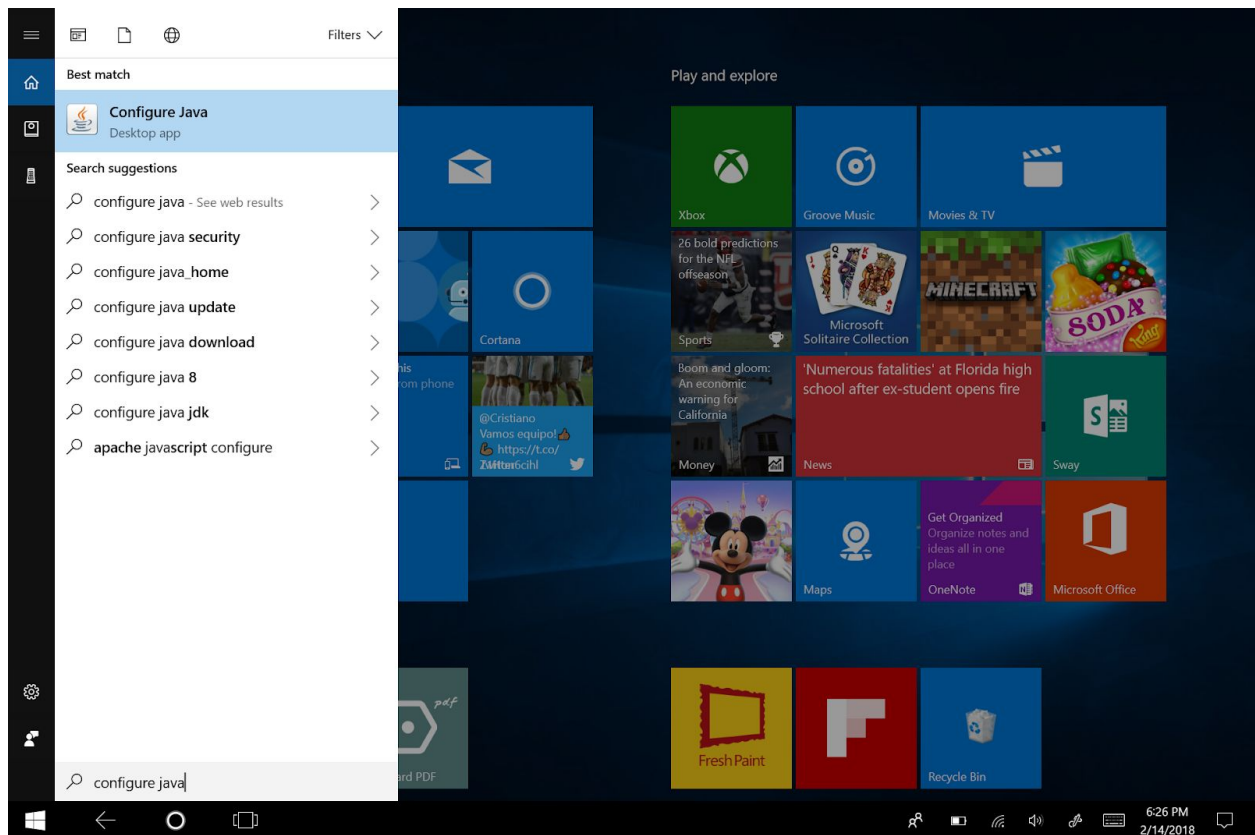
You may see a warning saying that in Windows 10, Edge does not support plugins and whatnot. It's OK, click **Agree and Start Free Download**.



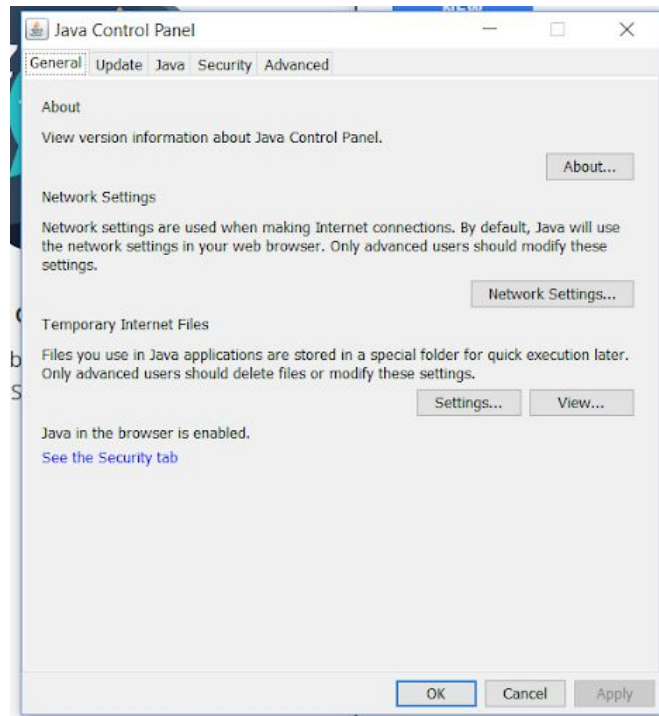
Once the installer has been downloaded, execute it. After the installation has finished, you should see a final dialog like the following:



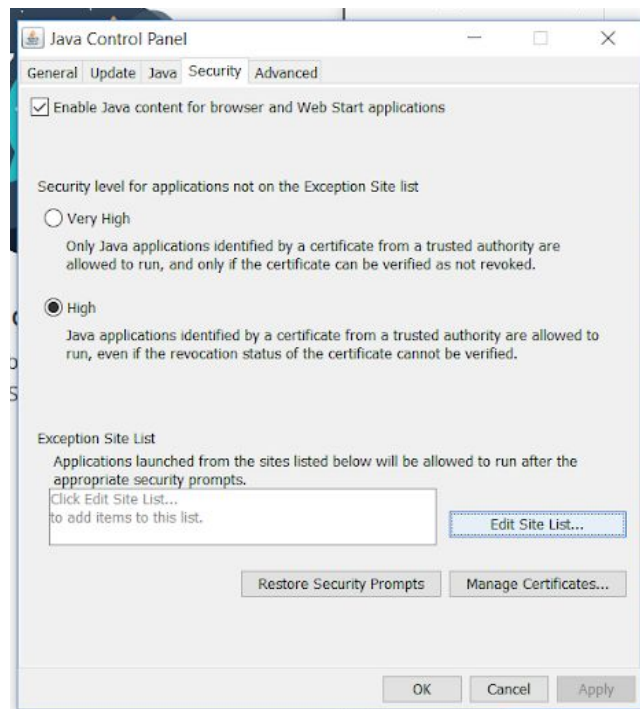
3. Open the start menu and write “*Configure Java*”. Access the tool displayed, like in the below screenshot.



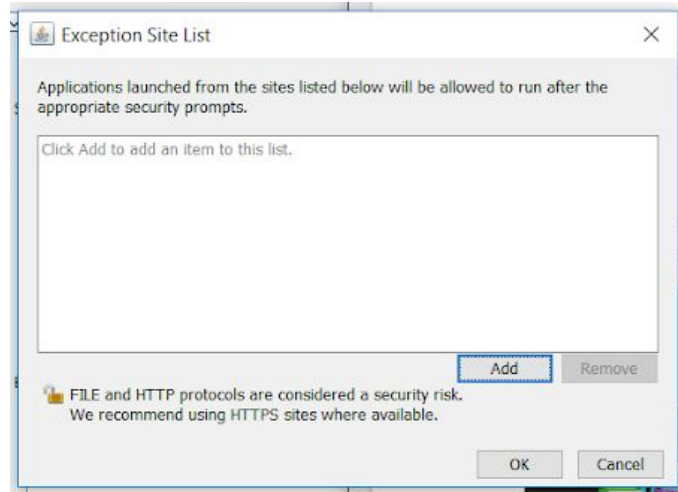
The Java Control Panel dialog will open and it should look something similar to the following:



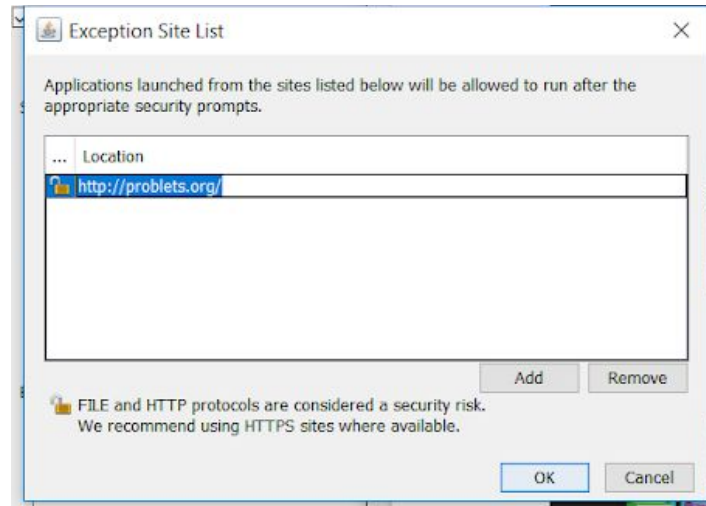
Go to the security tab, and you should see something similar to the next screenshot.



Make sure you have checked the “*Enable Java content for browser and Web Start applications*”. Also, click on “**Edit Site List**”. You should see something similar to the following. Running Java applications on a web browser is not very safe, so we need to configure the Java Control Panel to add an exception and let us execute the Problets:



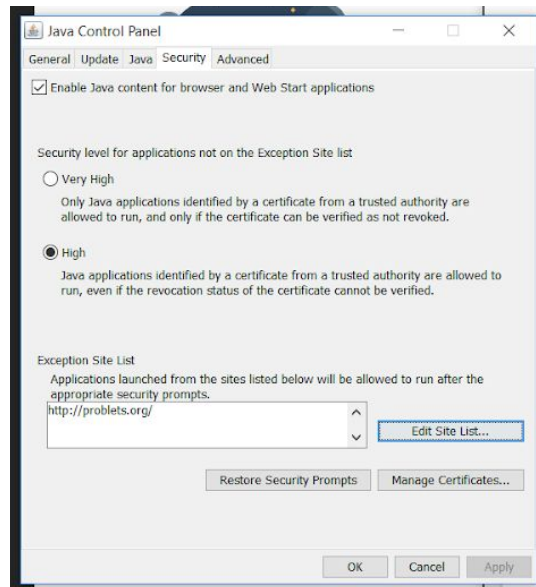
In the new window click on **“Add”** and write in location: <http://problets.org/>, as shown below:



A warning may appear because the web address is using HTTP instead of HTTPS. That's OK. Click **“Continue”**.

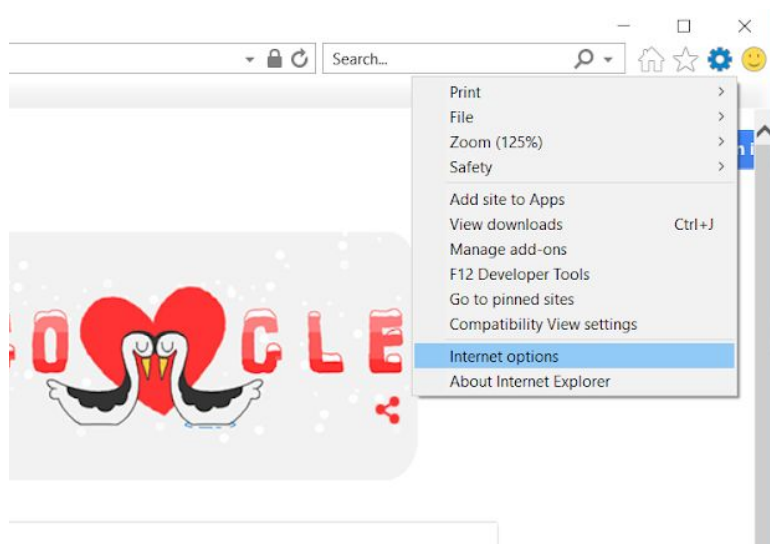


Finally, click **“OK”**. Back in the Java Control Panel, you should see the problets address added to the exceptions site list, like the following:

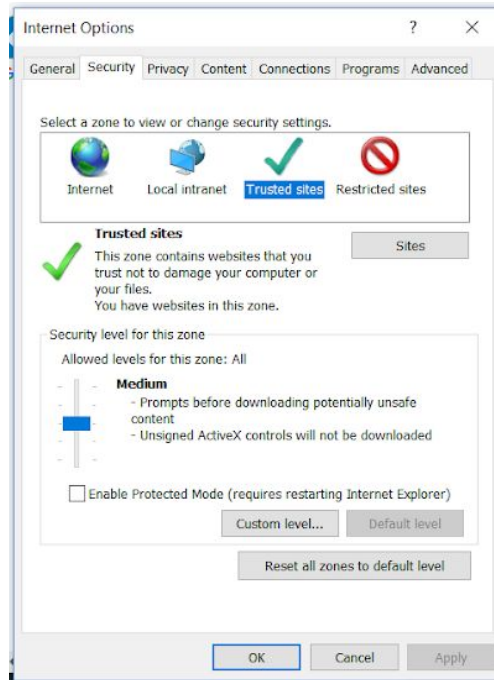


Click **"OK"**.

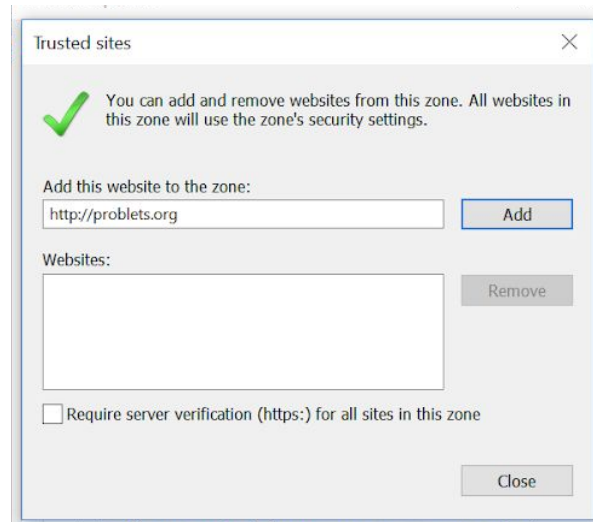
4. Go to Internet Explorer. Click on the Tools icon, then Internet Options.



Go to the security tab. You will see something similar to the next screenshot. What we're doing now is tell Internet Explorer that, even though running Java applications on the browser is not very secure, we trust the Problets website and want to execute these programs from this website:

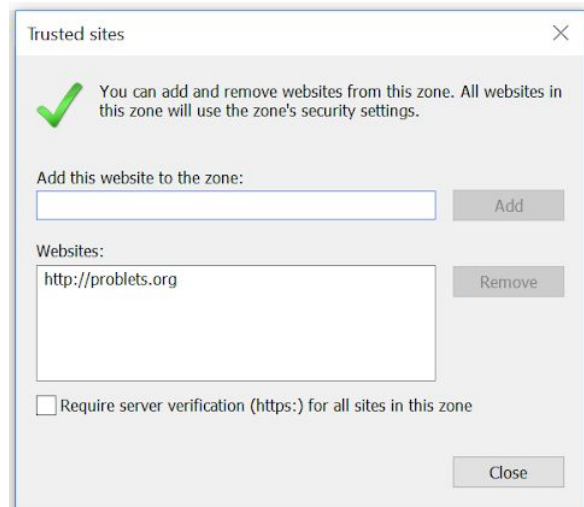


Click on “**Sites**”, uncheck the option to require https and Add the problets website. You should have something like the following:

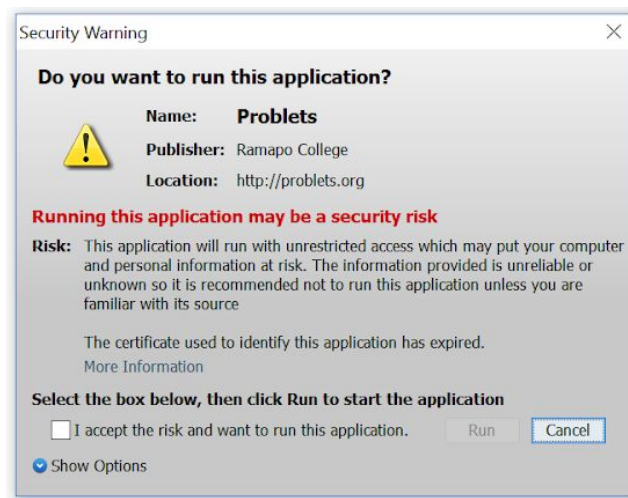


Click Add, and the Problets website should be added to the websites list:

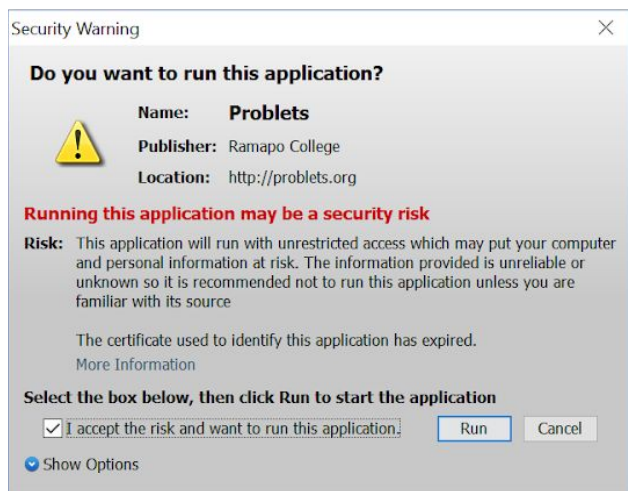




Click **close**, and then **OK** to close the Internet Options dialog. You may need to close Internet Explorer and start it again. Then, when you access the Problets exercise, you will see this warning.

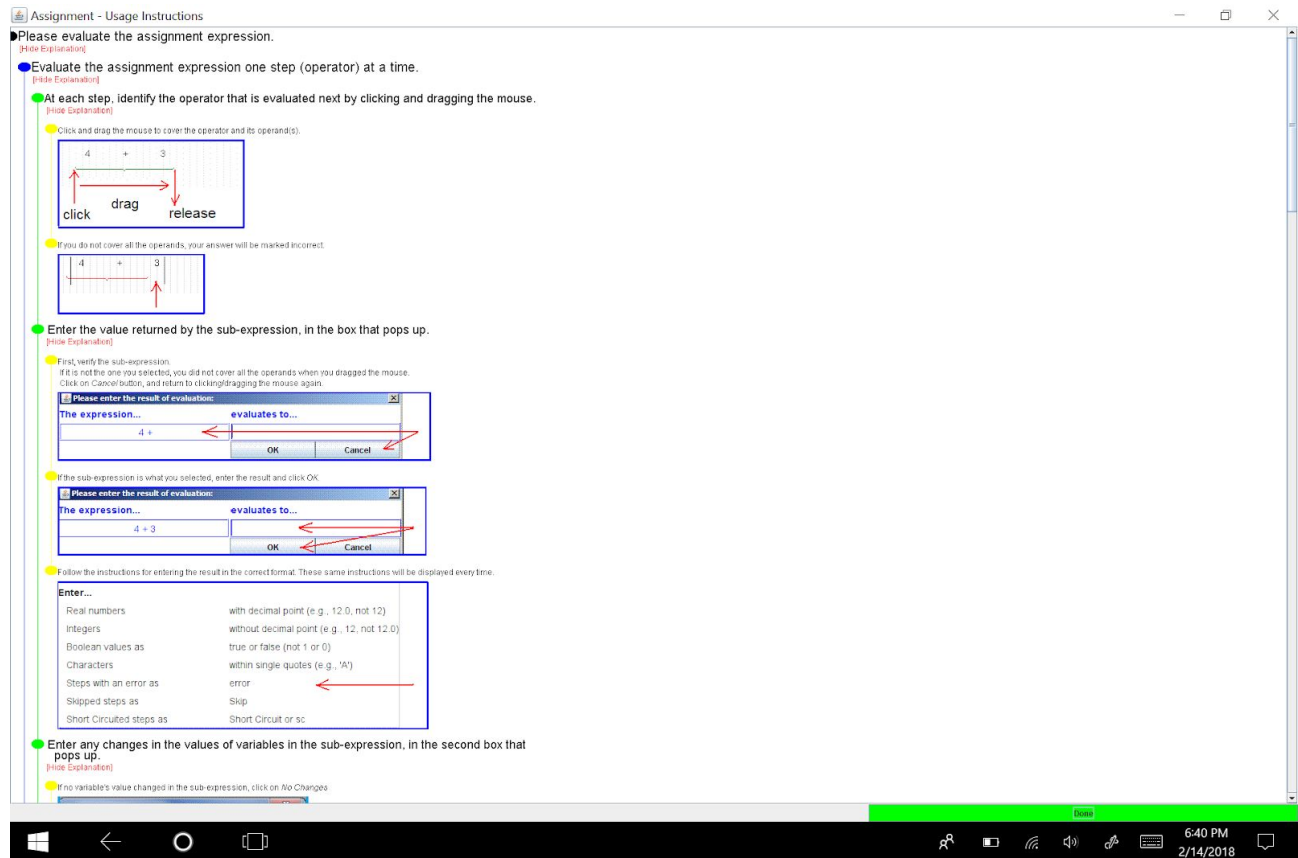


Check to accept the risks, and then click **run**.



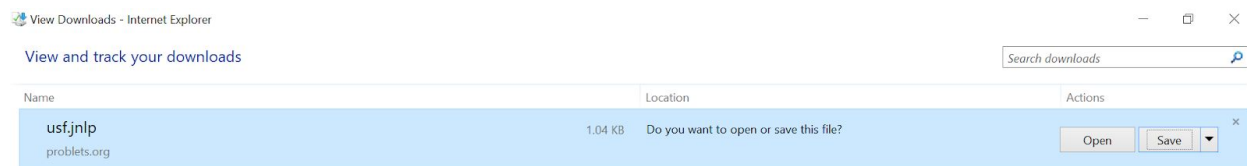


At this point, a new window should appear with the program. You can see an example below:

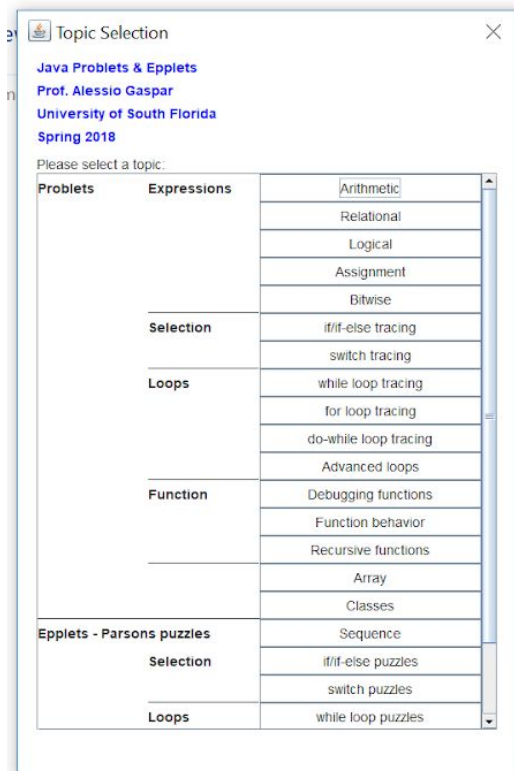


If the file you downloaded is a .jnlp file, you should be able to download the file using the link in the announcement posted on the Canvas site for the course.

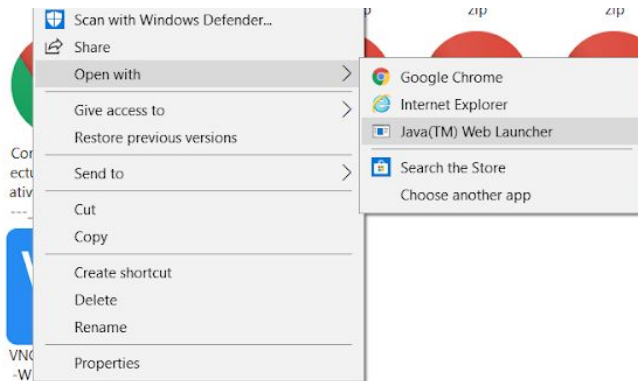
When you click on the link, the Java WebStart Launcher should open with the exercises. If it doesn't and you see the following screen, click **Open**. If it still doesn't open, continue with the following steps:



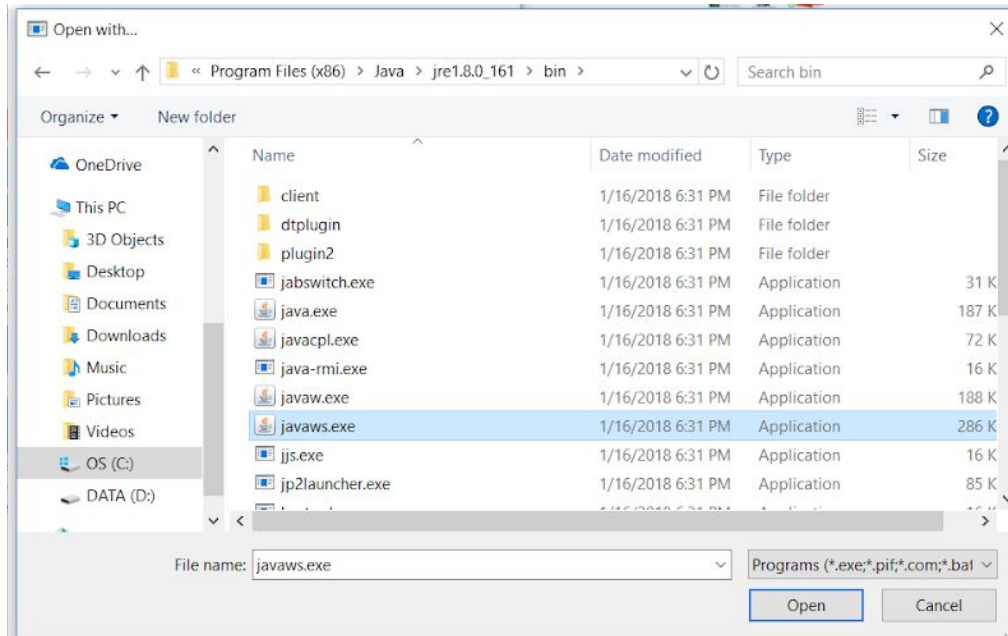
If it does open, you should see the following dialog with the Problets exercises.



If you haven't been able to open the Proplets exercises, go to the folder where you downloaded the .jnlp file. Click with the right button, go to Open With and you should see Java Web Launcher, like the following:



If you don't see that option, then in the Open with -> go to Choose another app. A new window should appear. Click in the option "More apps", and then scroll down and click on "Look for another app on this PC". Then, a new dialog should appear so that you can choose the application to open the file with. Go to the folder where you downloaded Java (depending on your configuration, it should be something similar to C:\Program Files (x86)\Java\jre<some version>\bin\javaws.exe. Like the following:



Click Open. After this, the Problets should open with no problems, and the next time you want to execute the file, you can double click on the .jnlp file or click with the right button and click on Launch. The computer should remember the option to open the file with the Java WebStarter Launch.