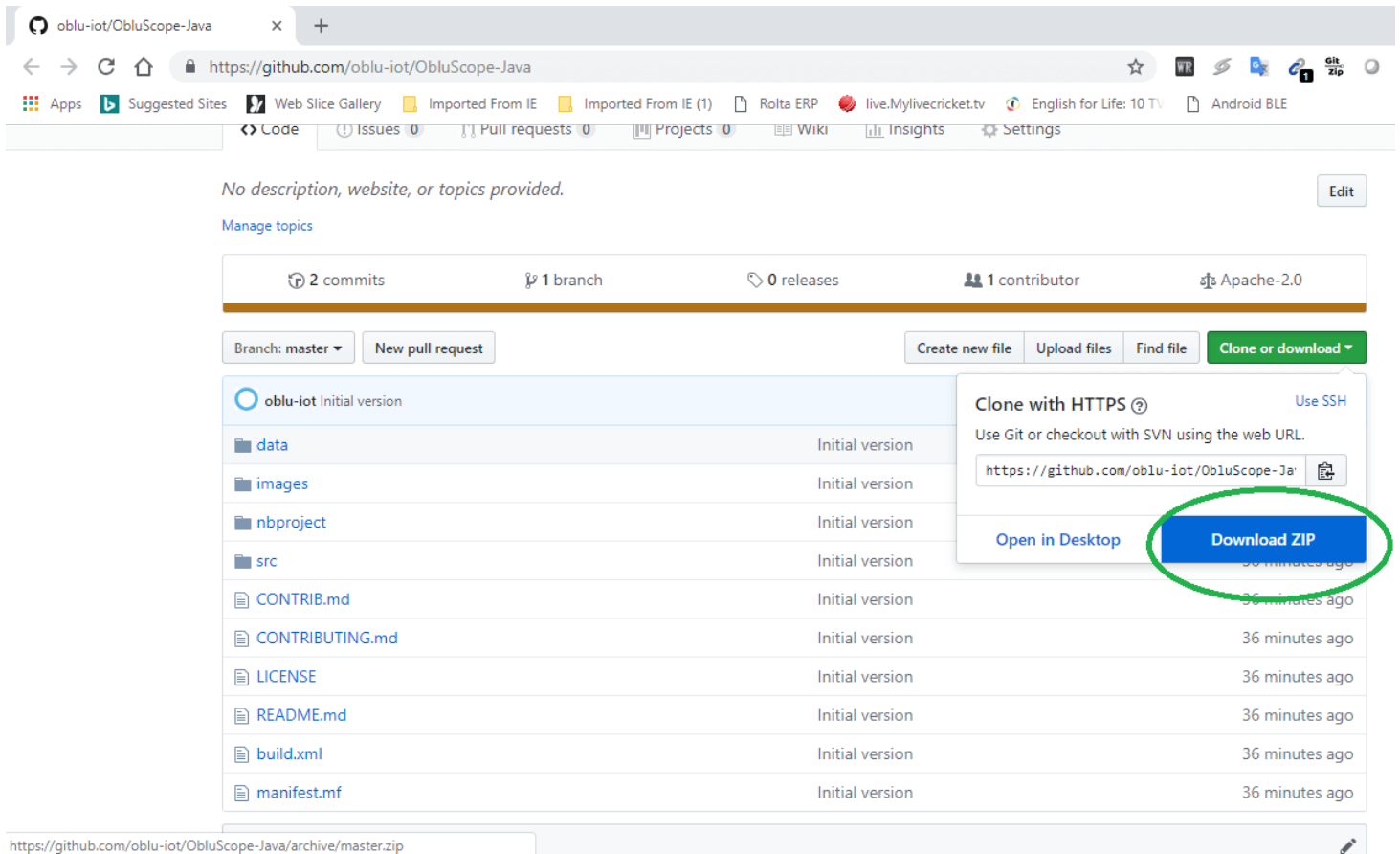


How to run the project in Eclipse IDE

1. Download code from Github (<https://github.com/oblu-iot/ObluScope-Java>).



The screenshot shows the GitHub repository page for `oblu-iot/ObluScope-Java`. The repository has 2 commits, 1 branch, 0 releases, 1 contributor, and is licensed under Apache-2.0. A dropdown menu is open for the 'Clone or download' button, showing options to clone with HTTPS, SSH, or download the ZIP file. The 'Download ZIP' button is highlighted with a green circle.

Branch: master ▾ New pull request

Create new file Upload files Find file Clone or download ▾

Clone with HTTPS ⓘ Use SSH

Use Git or checkout with SVN using the web URL.

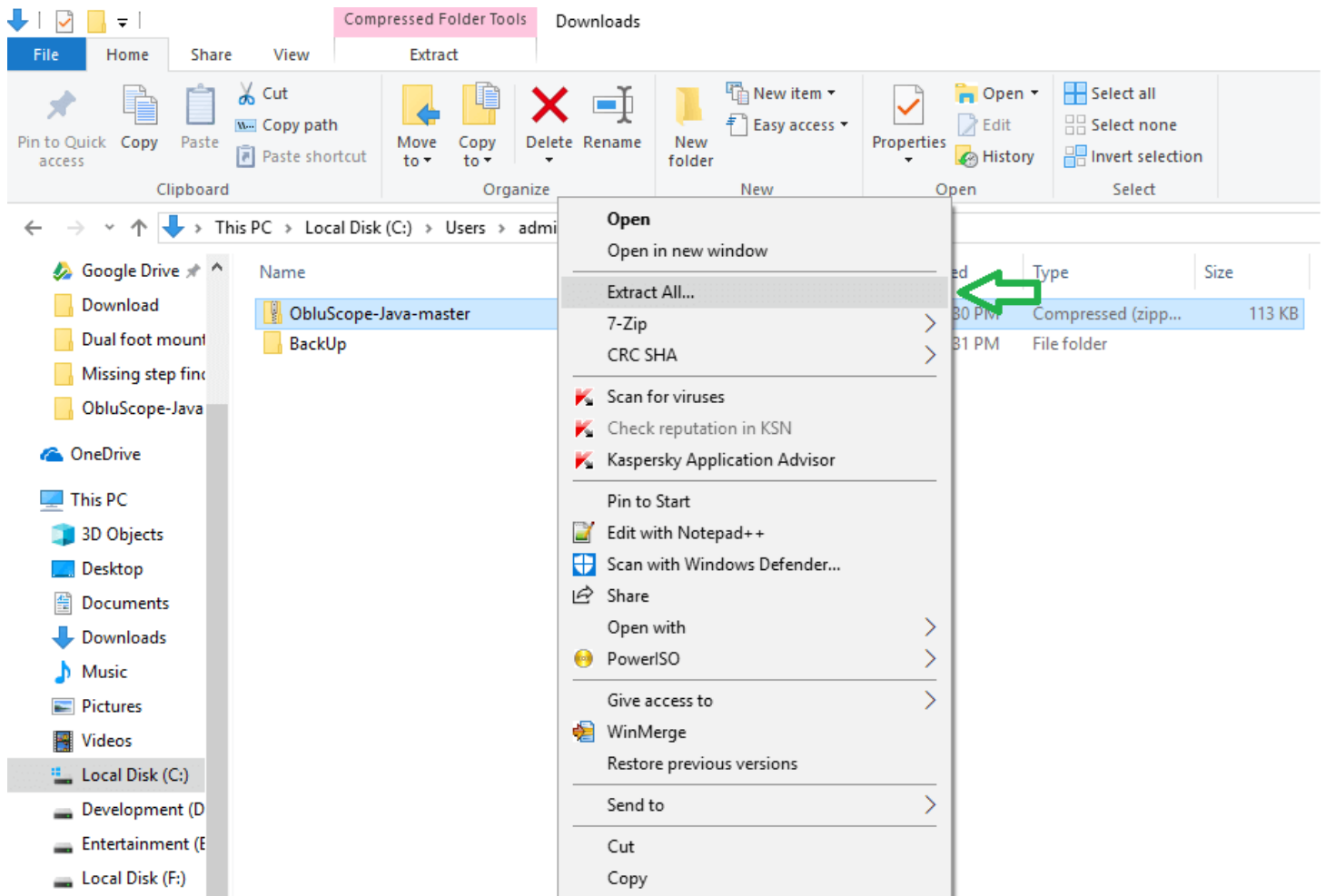
<https://github.com/oblu-iot/ObluScope-Java>

Open in Desktop Download ZIP

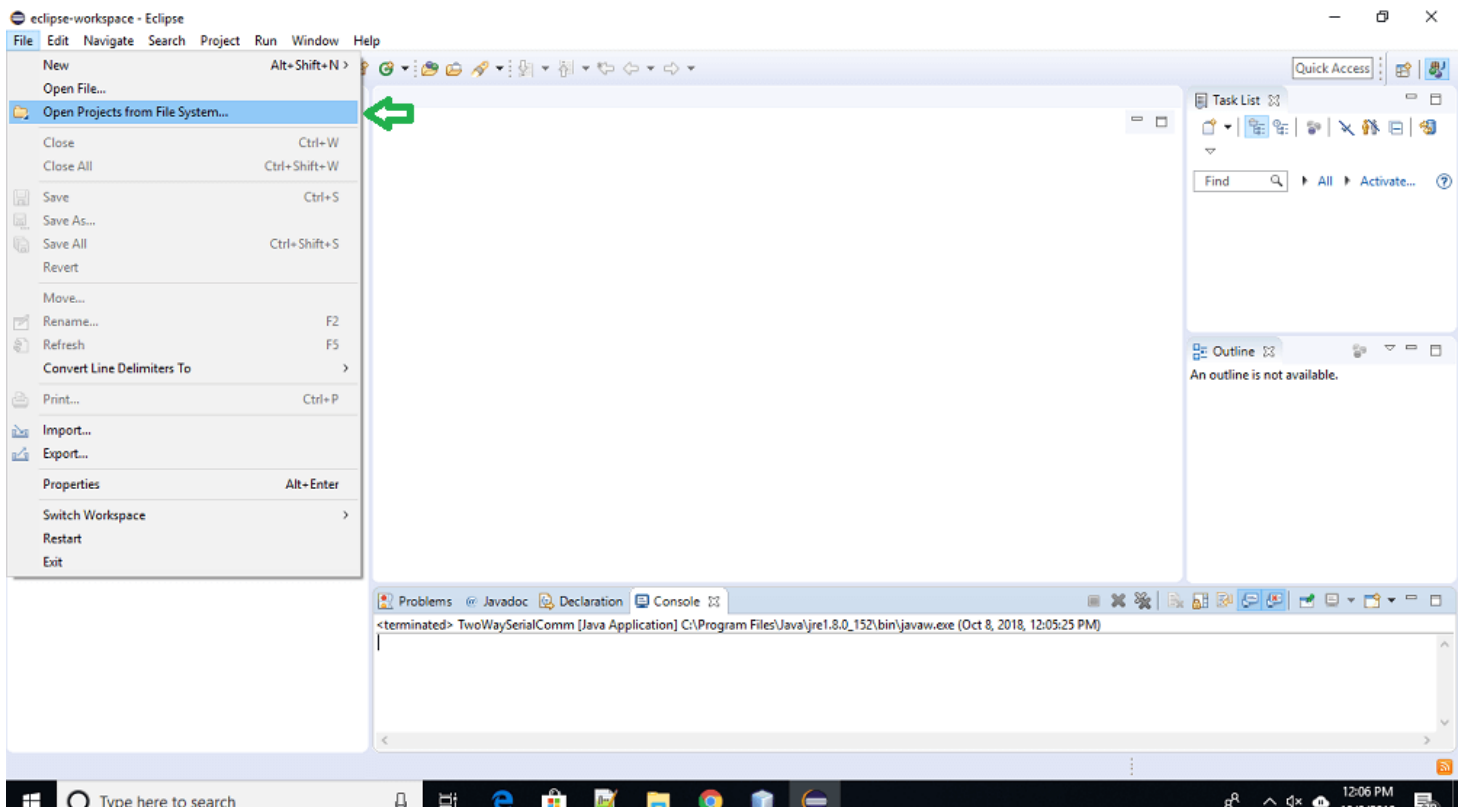
File	Initial version	36 minutes ago
data	Initial version	36 minutes ago
images	Initial version	36 minutes ago
nbproject	Initial version	36 minutes ago
src	Initial version	36 minutes ago
CONTRIB.md	Initial version	36 minutes ago
CONTRIBUTING.md	Initial version	36 minutes ago
LICENSE	Initial version	36 minutes ago
README.md	Initial version	36 minutes ago
build.xml	Initial version	36 minutes ago
manifest.mf	Initial version	36 minutes ago

<https://github.com/oblu-iot/ObluScope-Java/archive/master.zip>

2. Unzip the ObluScope-Java-master.zip (e.g. "C:\Users\admin\Downloads\ObluScope-Java-master.zip").



3. Open the Eclipse IDE and click on **File -> Open Project From File System...**

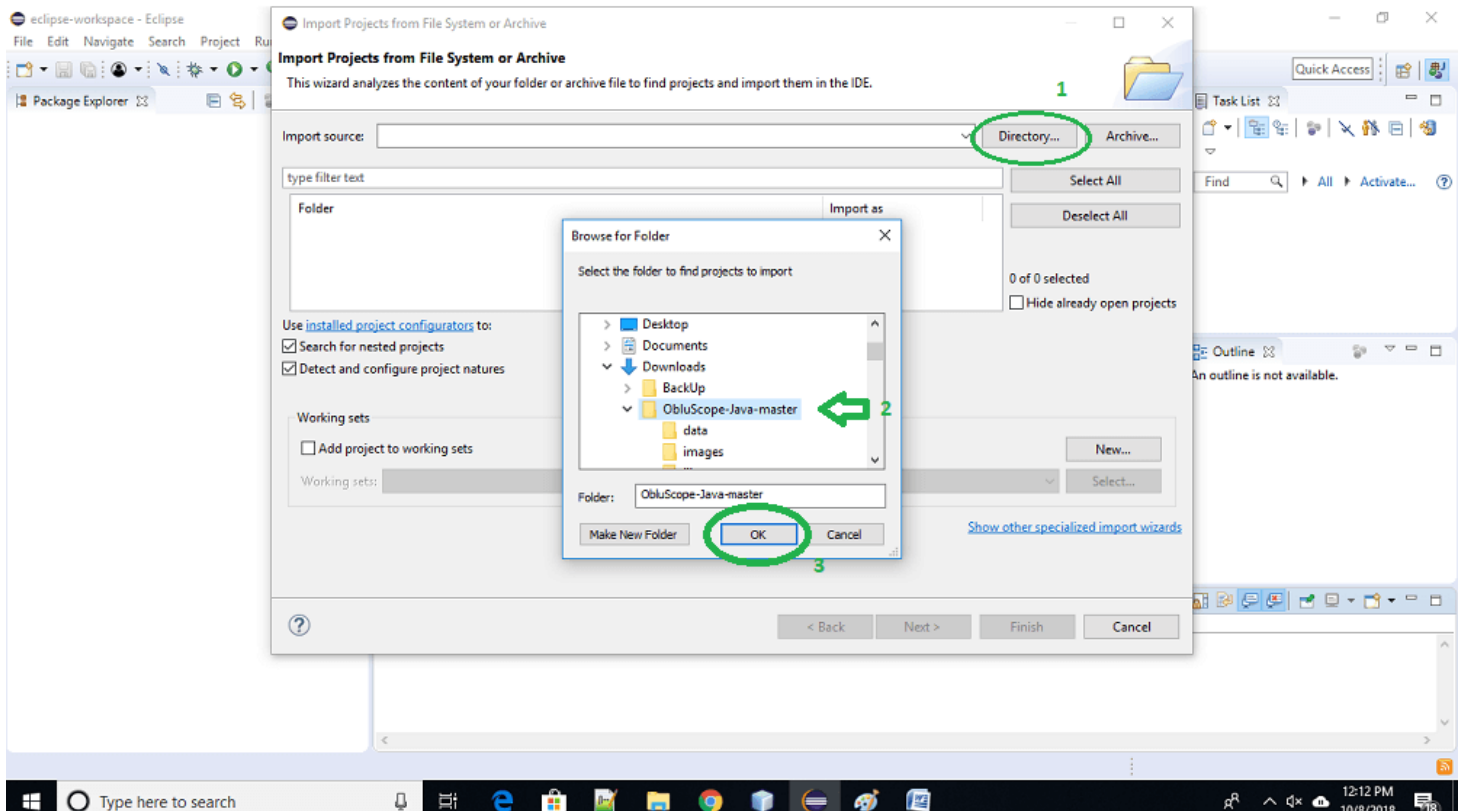


4. Browse to unzip folder “C:\Users\admin\Downloads\ObluScope-Java-master folder”.

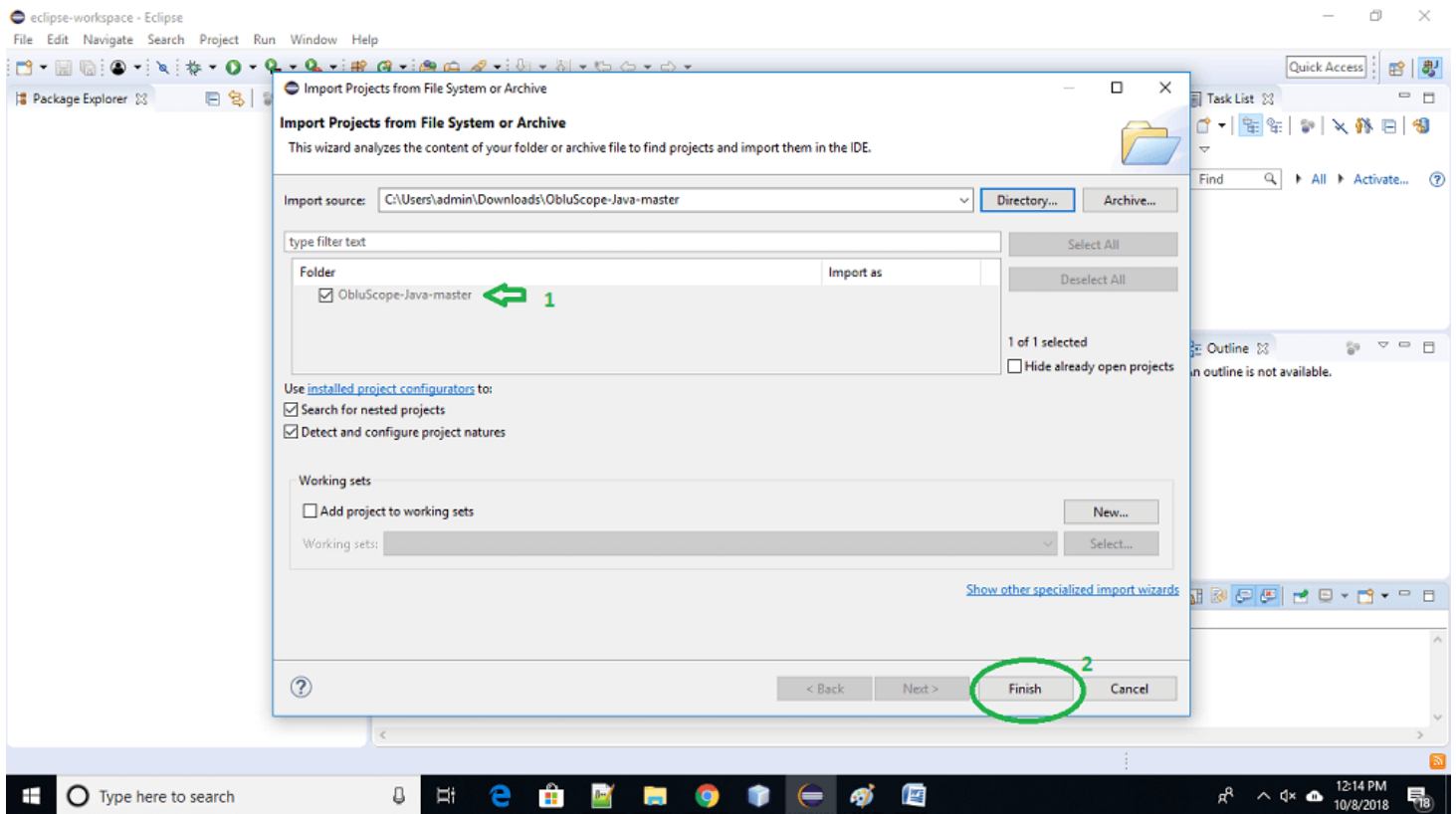
Step 1: Click on **Directory** button.

Step 2: Navigate to folder “C:\Users\admin\Downloads\ObluScope-Java-master” folder.

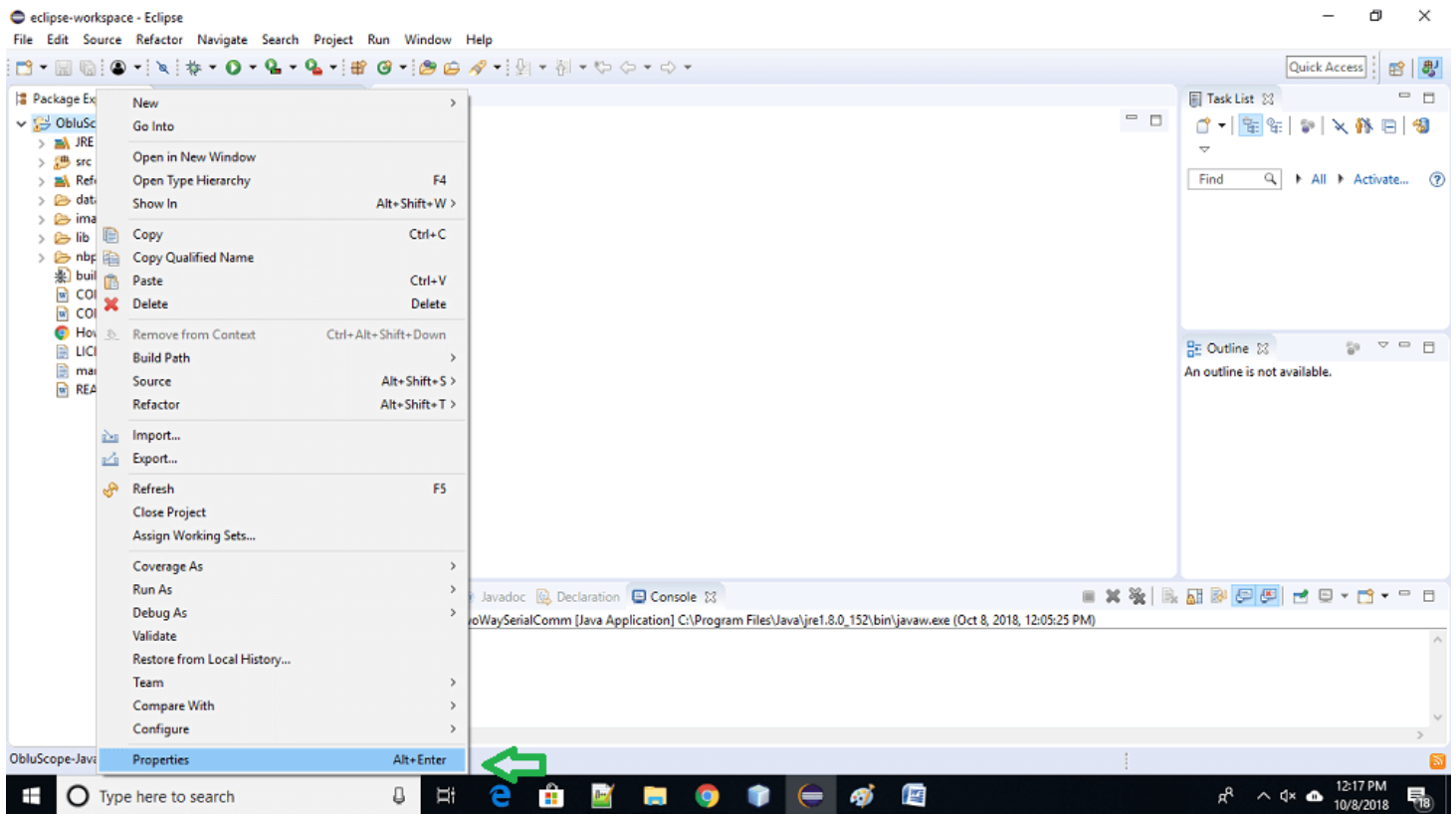
Step 3: Click on **OK** button.



5. Select project **"ObluScope-Java-master"** and click on **OK** button.



6. Now project is imported. Right click on project and select **Properties**.



7. Follow below steps to link to RXTX native library.

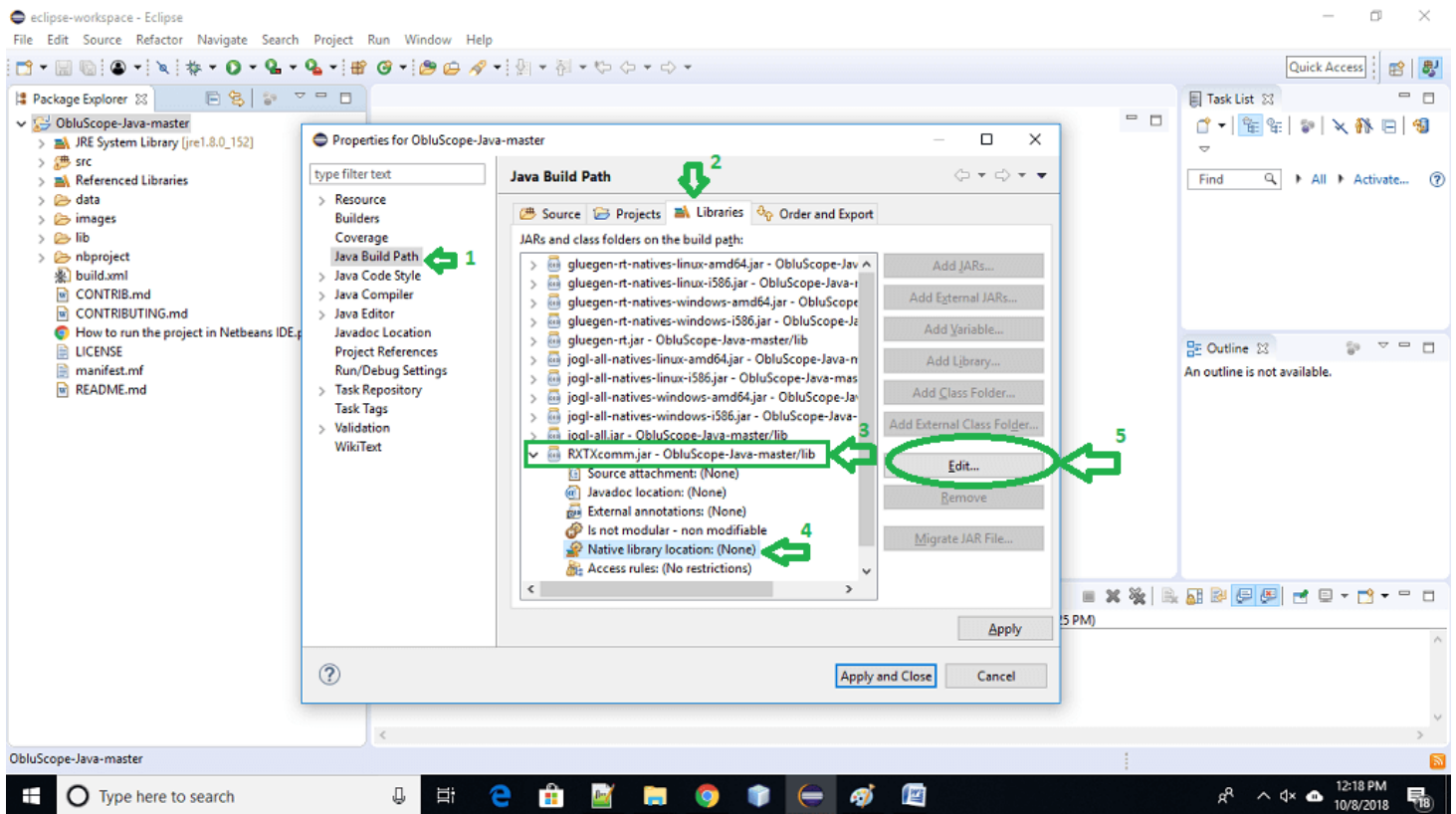
Step 1: Select “Java Build Path”.

Step 2: Select “Libraries” tab.

Step 3: Expand the “**RxTxcomm.jar**”.

Step 4: Select “Native Library Location” under RxTxcomm.jar

Step 5: Click on **Edit** button. Dialog box “**Native Library Configuration**” will be popped up.

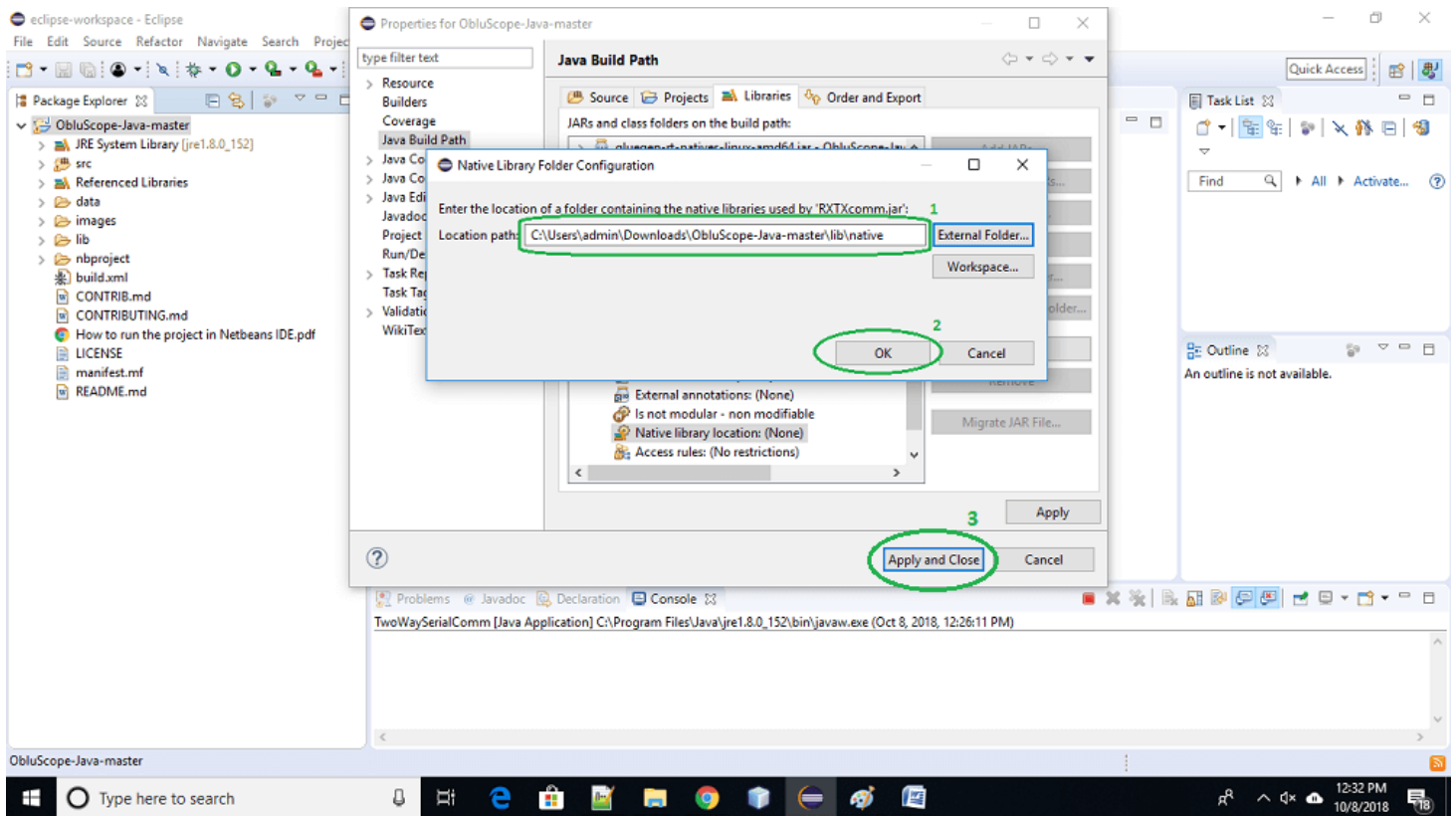


8. Set the RXTX native library path by following below mentioned steps

Step 1: Set the **Location path** to RxTx native library folder e.g. C:\Users\admin\Downloads\ObluScope-Java-master\lib\native.

Step 2: Click on **OK** button.

Step 3: Click on “Apply and Close” button on “Native Library Configuration” dialog box.



9. Connect your device (oblu) using USB cable.

10. To find the serial port's name , refer the <https://www.inertiaelements.com/oblu/resources/how-to-find-serial-port.pdf>

11. Open **config.properties** and change the value of parameter **com.rotate.serialport** as you get in Step # 10. Change the data sampling frequency by changing the value of **com.rotate.outrate** but its value must be one of the following values.

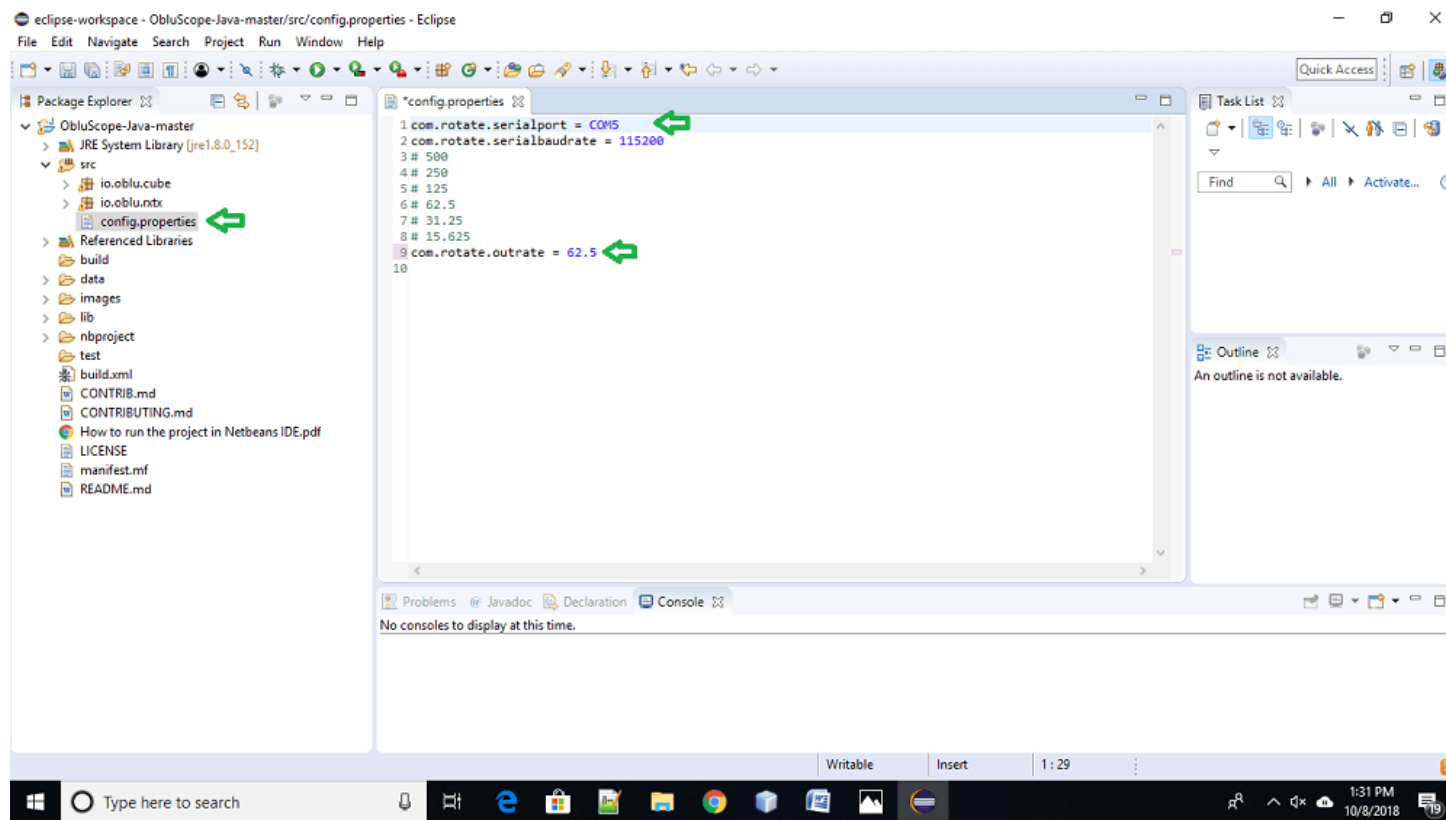
250

125

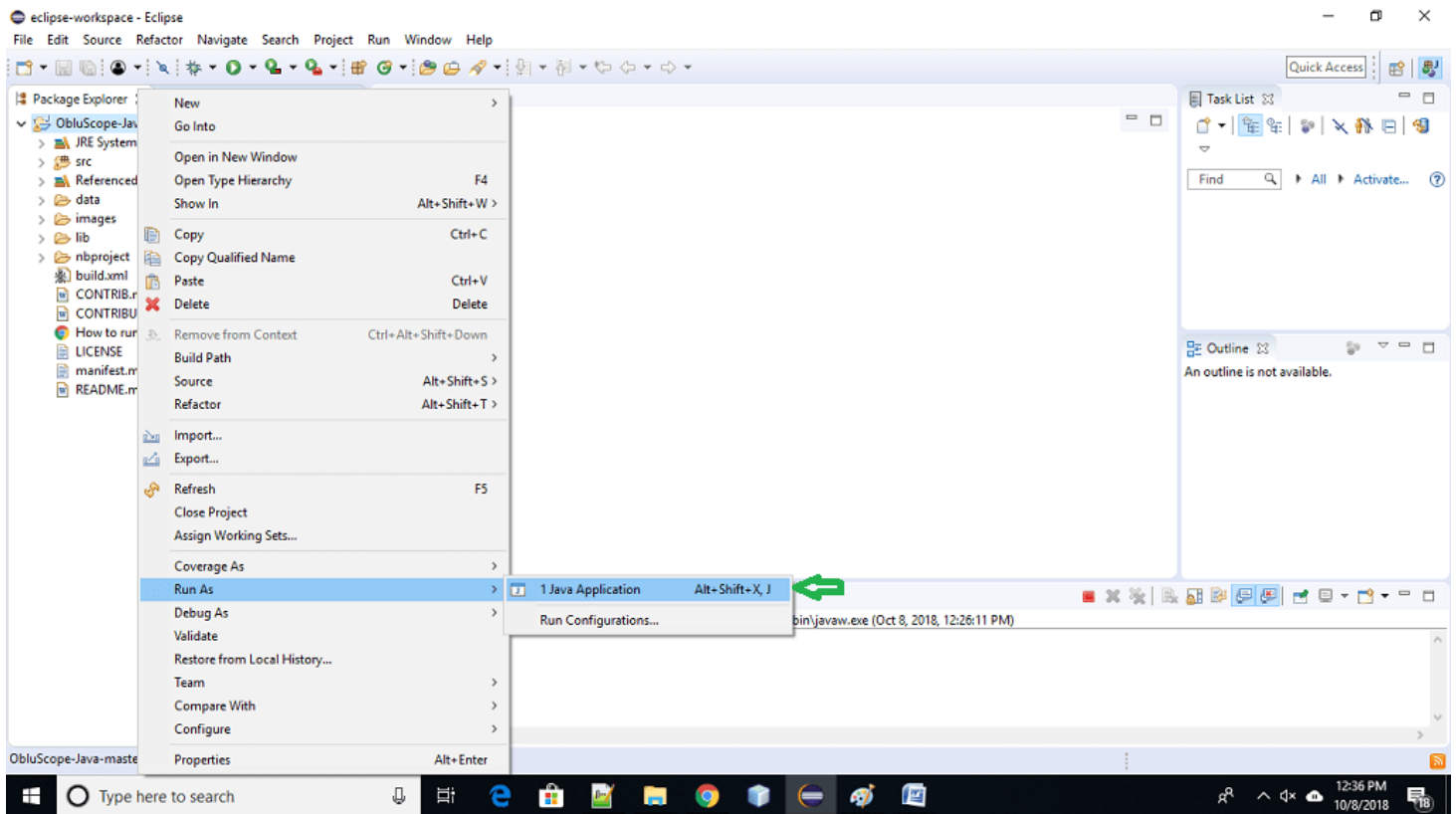
62.5

31.25

15.625



12. Now run the project by right clicking on “ObluScope-Java-master” project, then select **Run** and choose **Java Application**.



13. Select “TwoWaySerialComm” from list and click on OK button.

