



# TURNING IN ASSIGNMENTS

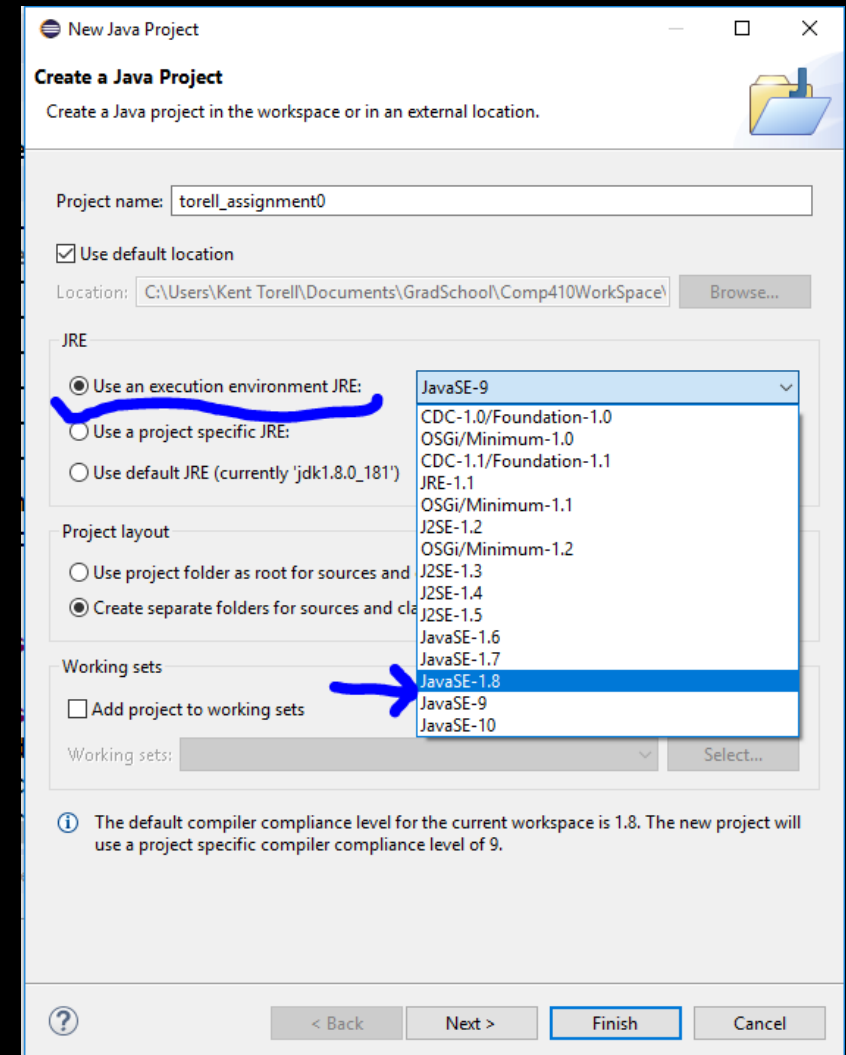
# JAVA VERSION

- IF YOU USE JAVA 9 YOUR CODE WILL FAIL
  - Our grader and tester use and rely on Java 8, if you use Java 9 or a different version of java you will fail all tests resulting in a 0

DO NOT USE JAVA 9

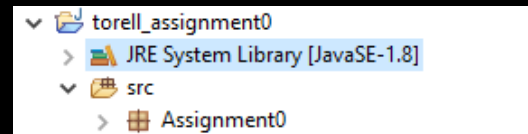
# MAKING YOUR ASSIGNMENT JAVA 8

- When creating a new project make sure the execution environment is set to Java 1.8

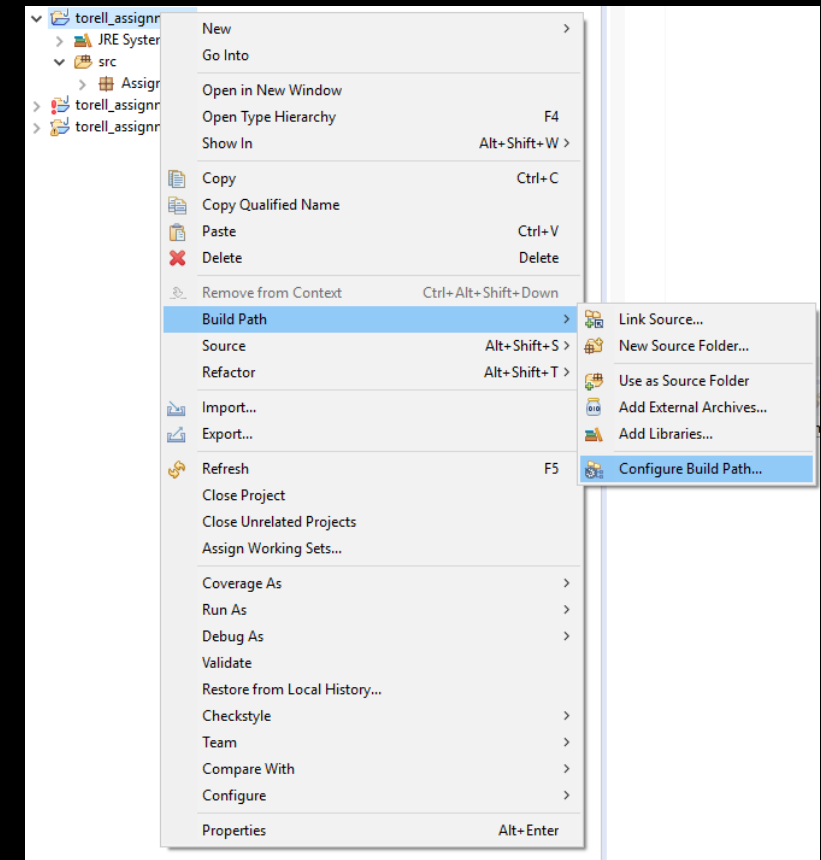


# CHANGING JAVA VERSIONS

- Make sure you see Java SE1.8 or something similar in your package explorer

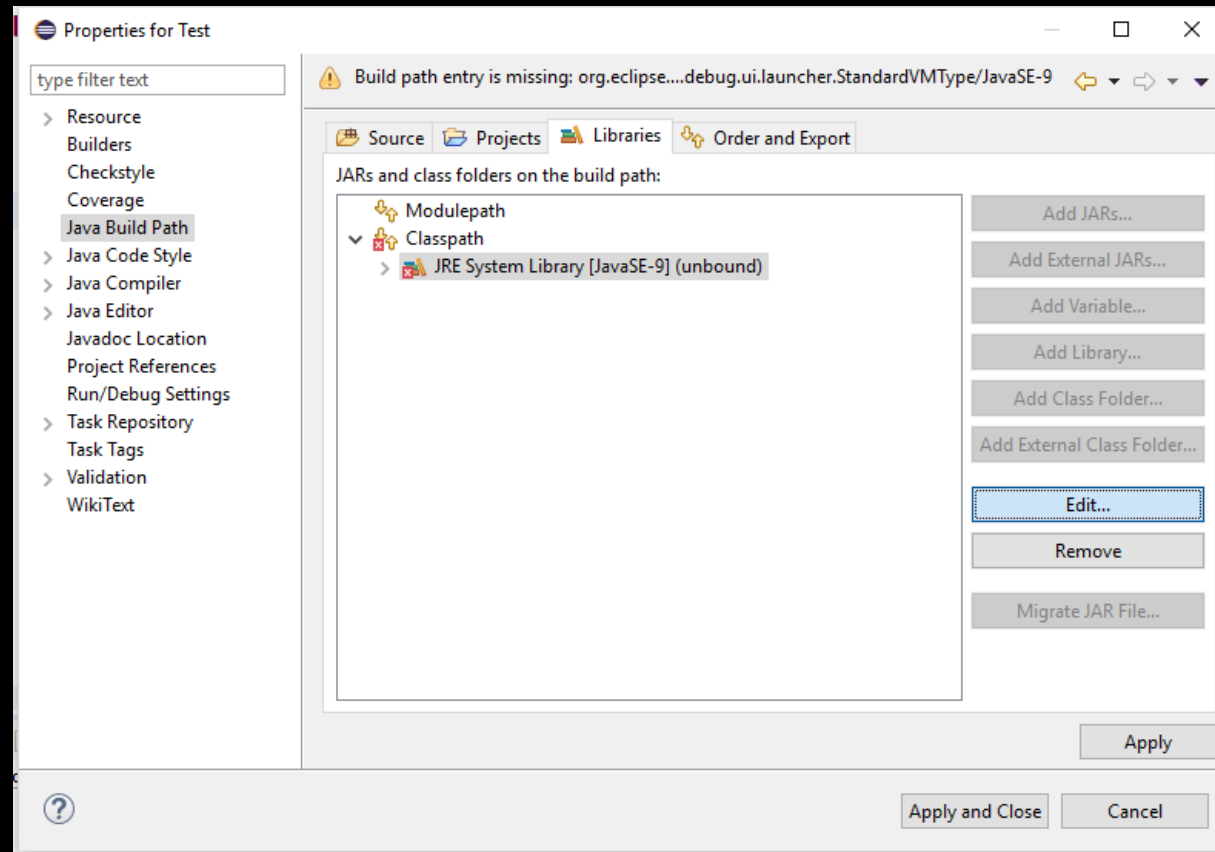


- If not:
  - Right click on PROJECT
  - Select BUILD PATH → CONFIGURE BUILD PATH



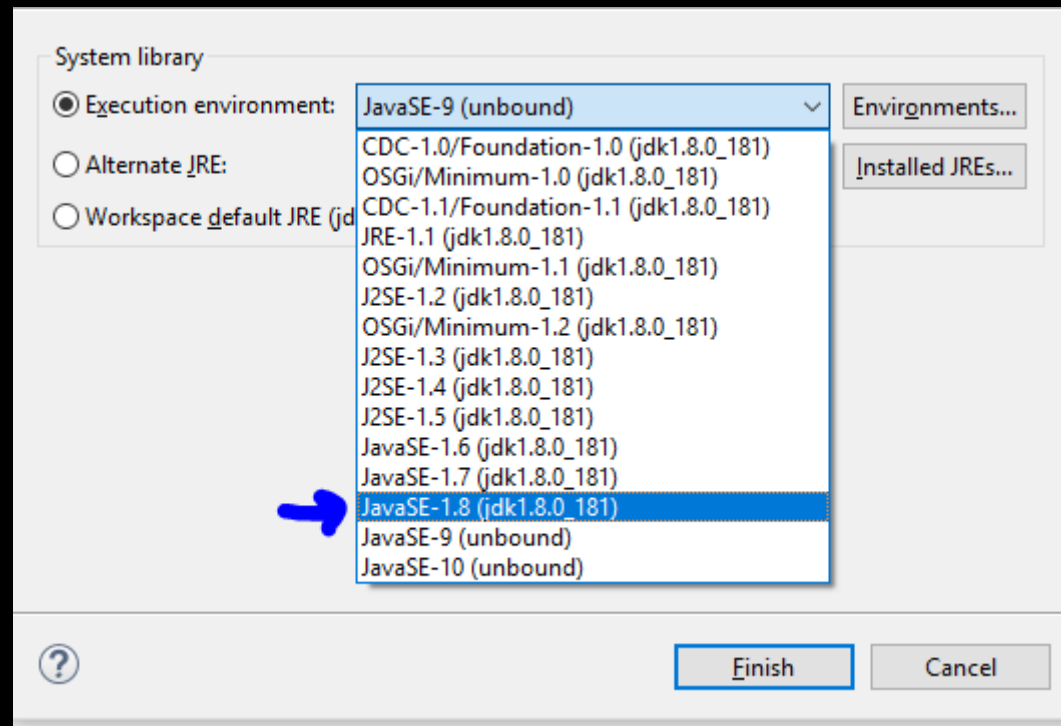
# CHANGING JAVA VERSIONS

- Java build path → Libraries → (if using java 9) Class path → Select current java version → Edit



# CHANGING JAVA VERSIONS

- Execution environment -> JavaSE-1.8 → Finish → Apply and Close



# NAMING CONVENTIONS

- Project name: yourOnyen\_assignment
  - Example: Torell\_assignment0
- Package name: Provided with each assignment
- Class name: also provided
  
- Failure to follow these conventions will result in the autograder failing to find your work and assigning a 0

required to submit this interface as well as your other java files.

## (1) Interface HelloWorld\_Interface

```
package Assignment0;
```

```
* COMP 410
*
* Make your class and its methods public!
* Don't modify this file!
* Begin by creating a class that implements this interface.
*
*/

public interface HelloWorld_Interface {
    /*
     * Interface: A HelloWorld will implement the following interface
     */
    String say_it
        in: nothing
        return: String "hello world"

    String say_it_loud
        in: nothing
        return: String "HELLO WORLD"

    /*
     */

    String say_it();
    String say_it_loud();
}
}
```

## (2) Class HelloWorld



# TESTING YOUR CODE

- We have provided some testing code
  - Passing our checks DOES NOT guarantee a high grade
- Write your own code to test edge cases
  - Passing our checks DOES NOT guarantee a high grade
- Testing code is not always accurate, bugs are a thing
  - Passing our checks DOES NOT guarantee a high grade

TLDR: Passing our checks DOES NOT guarantee a high grade



# ADDING THE TESTER

- Download the LocalChecks.jar from Sakai and put it somewhere safe (Desktop, special folder, wherever it wont get deleted or moved by accident)
  - \*\*\*Do not put it in your eclipse workspace\*\*\*
  - When downloading on a windows machine it will say the file might be dangerous, this is normal, it isn't dangerous

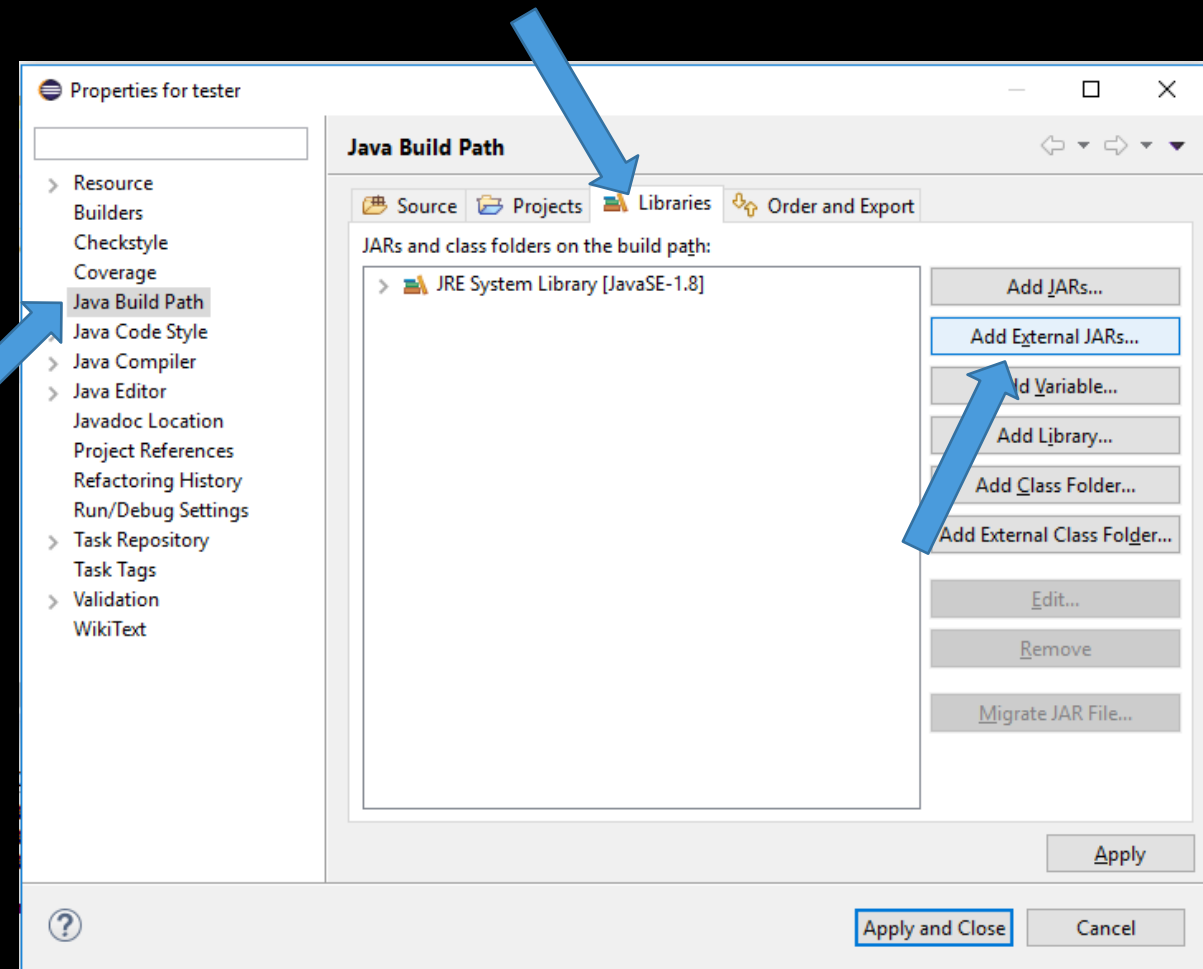
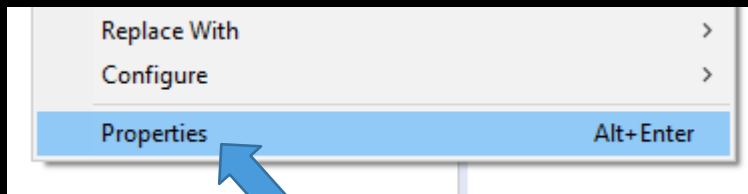
## Additional resources for assignment



[410LocalChecks.jar](#) ( 4 MB; Aug 24, 2018 2:47 pm )

# ADDING THE TESTER

- Right click on eclipse project, select properties → Java Build Path → Libraries → Add External JAR
- Find the 410LocalChecks.jar and hit open
  - This should add it to the libraries list
- Apply and close

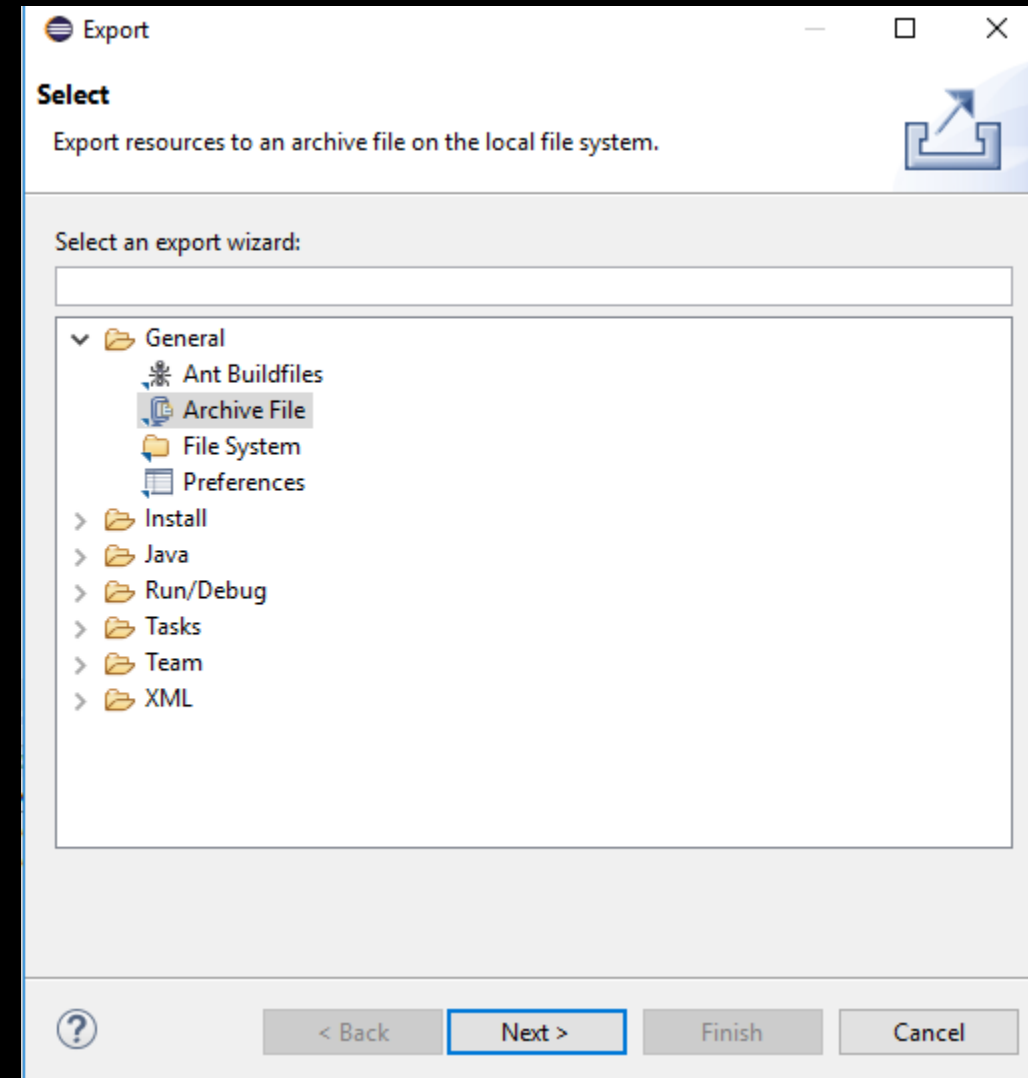
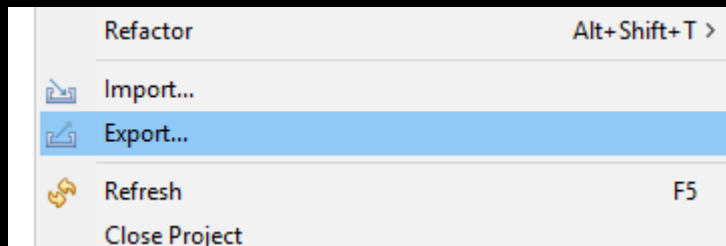


# RUNNING THE TESTER

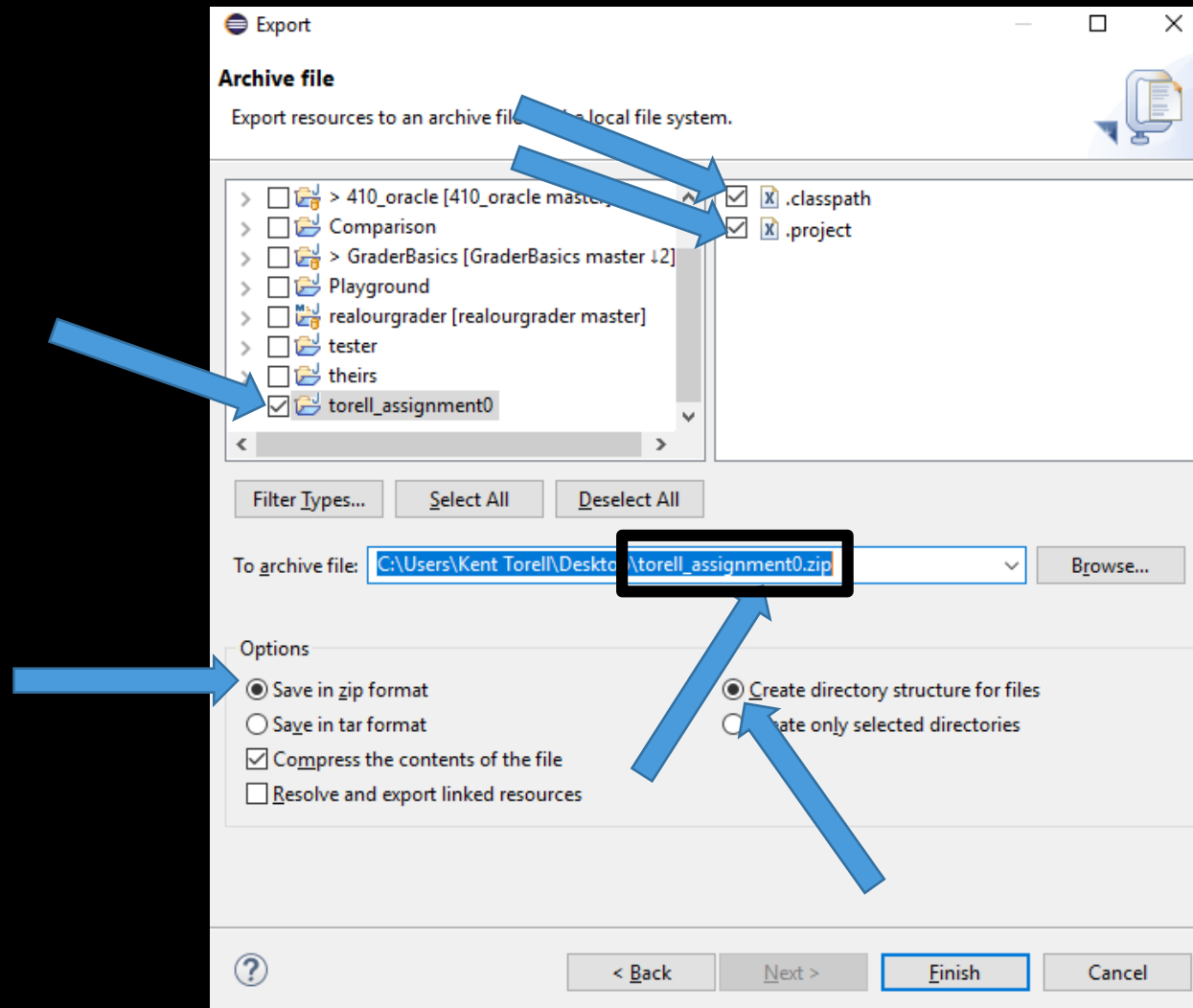
- Copy the code we provide for the RunTests code and execute
- If added correctly you should see the LocalChecks window appear, load, and run the tests
  - Red is fail
  - Green is pass
  - Yellow is partial fail, partial pass
  - IF YOU SEE A BUS:
    - You correctly added the LocalChecks correctly but need to run the correct file, make sure you right click on the RunTests file and run as java application
- The first time you run the tester you will see a popup about a consent form for Prasad Dewan, please accept it for research reasons
- Close your local checks window after each use or you will be wasting resources and your computer might slow down

# TURNING IN YOUR ASSIGNMENT

- Remove LocalChecks from the build path
- Zip the folder into a folder named yourOnyen\_assignmentX.zip
- Submit the zipped folder
- To zip: Right click the Project and select Export → General → Archive File → Next



# TURNING IN YOUR ASSIGNMENT



# SAKAI

- Turn in your assignment to Sakai
- Our grader automatically checks the submission date so if you submit 1 minute late you will receive a late penalty
  - When in doubt submit early!

# REGRADE QUESTIONS

- All homework regrade requests or homework grade scores **MUST** be asked on Piazza, in a private message, in the `grading_questions` folder, with the zip file attached
  - Failure to do so may result in your question being lost to the abyss
  - I will regrade at most one time per person per assignment (Half points returned)

The screenshot shows the 'Post My Note' form in Piazza. The form is titled 'Post My Note to COMP 410-001!'. It has three radio buttons for 'Post Type': 'Question' (if you need an answer), 'Note' (if you don't need an answer), and 'Poll/In-Class Response' (if you need a vote). The 'Note' option is selected. Under 'Post to', there are two radio buttons: 'Entire Class' and 'Individual Student(s) / Instructor(s)'. The 'Individual Student(s) / Instructor(s)' option is selected, and the text 'Instructors' is entered in the field below. Under 'Select Folder(s)', there are several buttons: 'hw1', 'hw2', 'hw3', 'hw4', 'hw5', 'hw0', 'grading\_questions', 'questions\_for\_instructors', 'midterm\_exam', and 'final\_exam'. The 'grading\_questions' button is highlighted with a blue arrow. The 'Summary' field contains the text 'HW1 Regrade please'. The 'Details' section has a rich text editor with a toolbar. The text 'I submitted my HW1 wrong, can I get a regrade?' is entered. Below this, the text 'ONYEN: torell' and 'Full name: Kent Torell' is entered and circled in blue. At the bottom, there is a checkbox for 'Send email notifications immediately' and three buttons: 'Post My Note to COMP 410-001!', 'Save Draft', and 'Cancel'.