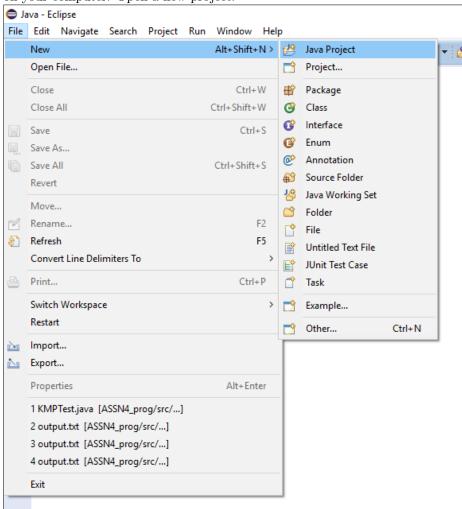
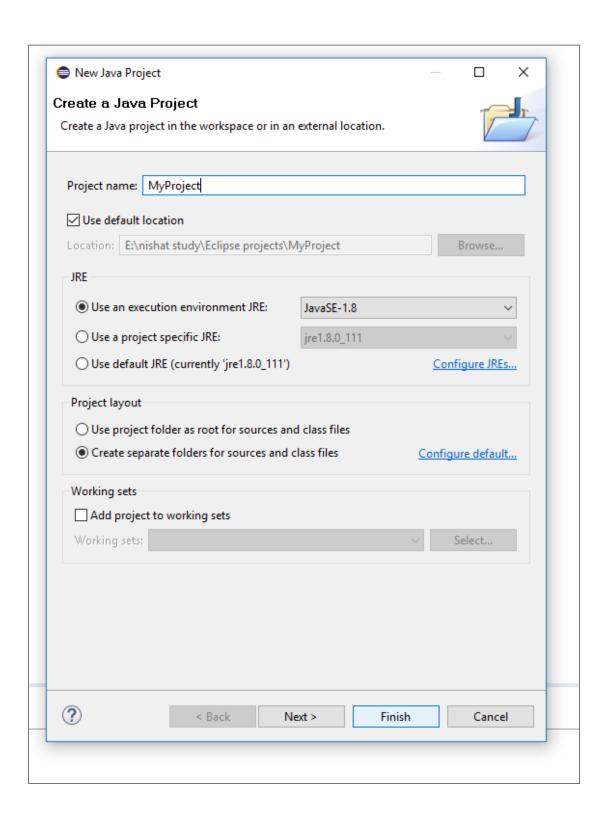
## How to use algs4.jar file in your project

Rahnuma Islam Nishat (rnishat@uvic.ca)

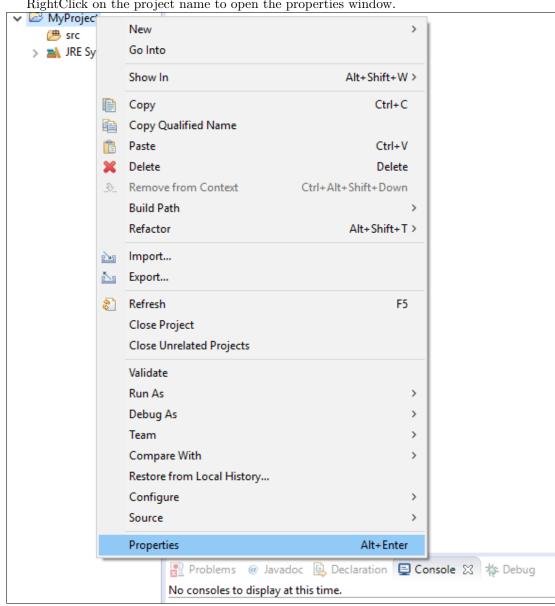
## Including a jar file in Eclipse project

Download the "algs4.jar" file from this link: http://algs4.cs.princeton.edu/code/algs4.jar on your computer. Open a new project.





RightClick on the project name to open the properties window.



Select "Java Build Path" and then select the "Libraries" tab. Properties for MyProject × ⟨⇒ ▼ ⇒ ▼ ▼ type filter text Java Build Path > Resource 😕 Source 🗁 Projects 🔺 Libraries 👆 Order and Export Builders Java Build Path Build class path order and exported entries: (Exported entries are contributed to dependent projects) > Java Code Style ■ 

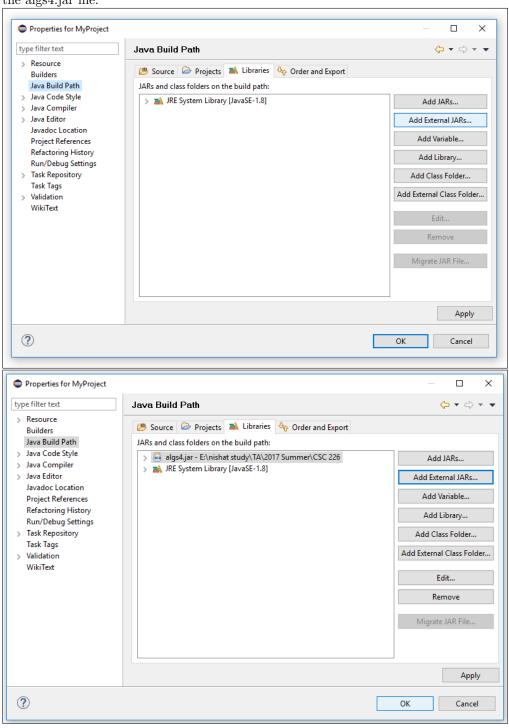
MyProject/src > Java Compiler Up > Java Editor ☐ ➡ JRE System Library [JavaSE-1.8] Down Javadoc Location Project References Refactoring History Тор Run/Debug Settings Bottom > Task Repository Task Tags > Validation Select All WikiText Deselect All Apply ? OK Cancel Properties for MyProject  $\times$ Java Build Path **⇔ → ⇒ →** type filter text > Resource Source Projects Libraries % Order and Export Builders Java Build Path JARs and class folders on the build path: > Java Code Style > 🚵 JRE System Library [JavaSE-1.8] Add JARs... > Java Compiler > Java Editor Add External JARs... Javadoc Location Add Variable... Project References Refactoring History Add Library... Run/Debug Settings > Task Repository Add Class Folder... Task Tags Add External Class Folder... > Validation WikiText Migrate JAR File. Apply

ОК

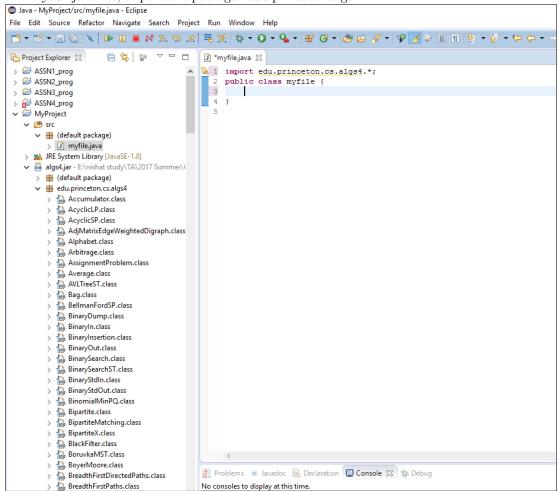
Cancel

?

Select "Add External JARs", and browse to the folder where you downloaded the algs4.jar file.

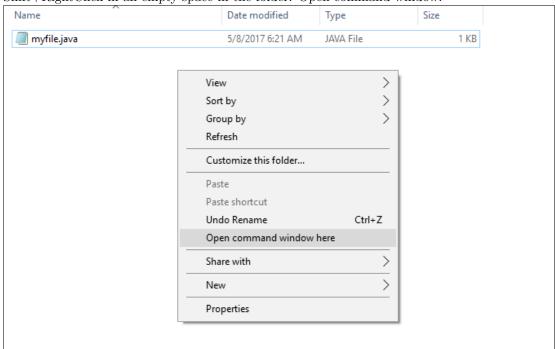


In your java file, import the package "edu.princeton.algs4.\*".



## Including a jar file from the command prompt

Shift+RightClick in an empty space in the folder. Open command window.



Compile and run.

```
E:\nishat study\TA\2017 Summer\CSC 226>javac -cp .;algs4.jar HamiltonCycleSolution.java

E:\nishat study\TA\2017 Summer\CSC 226>java -cp .;algs4.jar HamiltonCycleSolution test1.txt
Cycle is 0, 3, 4, 2, 1,

E:\nishat study\TA\2017 Summer\CSC 226>
```