

CPSC 219 – Tutorial Session

Introduction to Java and Eclipse

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Who am I?



- My name is Sepehr Sabour
 I am a computer science master student
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- Book and appointment: <u>pesehr.youcanbook.me</u>

About CPSC 233



- Learning Goals:
 - Object-oriented Programming (OOP)
 - Java Programming Language
 - Team programming
- Activities:
 - Tutorials
 - Quizzes
 - Participation
 - Assignments (You need CPSC account)

What is Java



- Java is a general-purpose object-oriented programming language released on 1996.
- Java is Compiler based language
- Java codes run on the Java virtual machine (JVM)
- We need Java Development Kit (JDK) to develop java programs
- How to install:

https://java.com/en/download/help/download_options.xml

Eclipse IDE



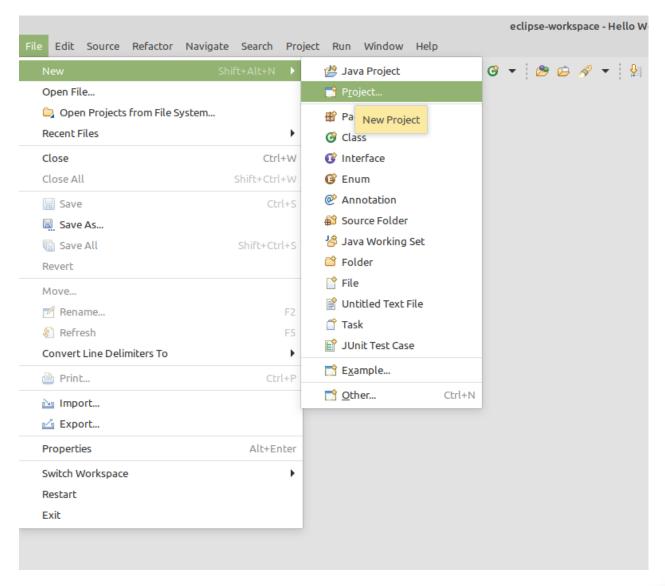
- Underlining of compile errors
- Syntax highlighting
- Code completion on typing
- Easy .jar exporting
- Managing files and packages

How to install Eclipse:

https://www.eclipse.org/downloads/packages/installer

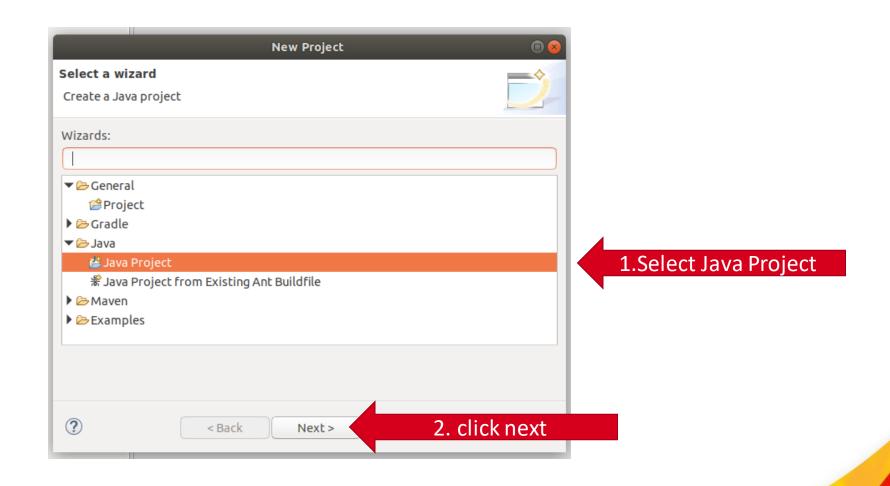


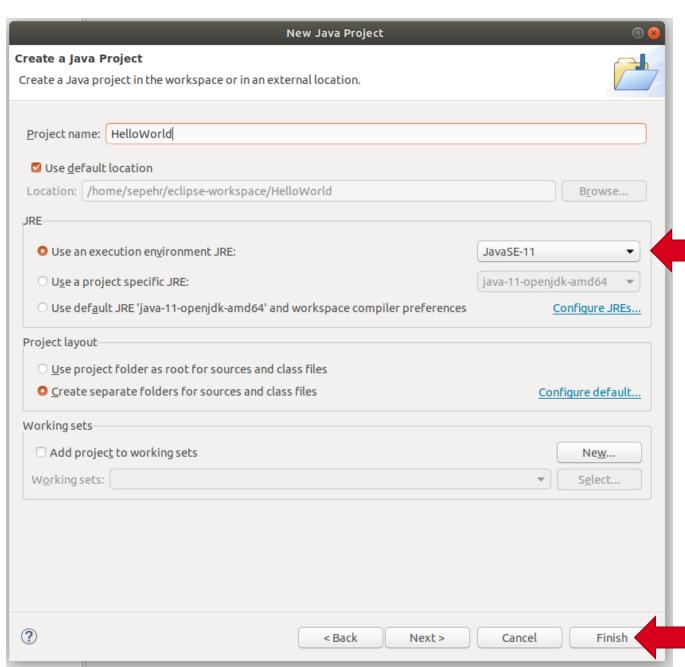














1.Enter the Project Name

2. Java Version

(Note: My java is a little bit old; you might see the newer version here!)

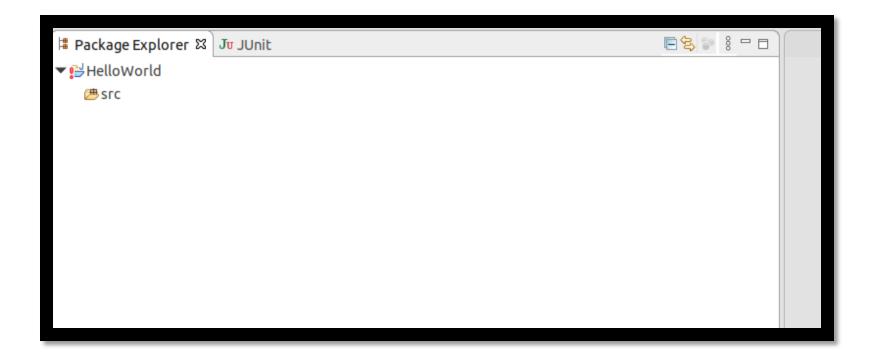




	New module-info.java	8
Create module-info.ja	4	M
A Discouraged module name. By convention, module names usually start with a lowercase letter		
Module name:	HelloWorld	
☐ Generate comments	(configure templates and default value <u>here</u>)	
	Don't Create Clic	k I
K	Circ	X :

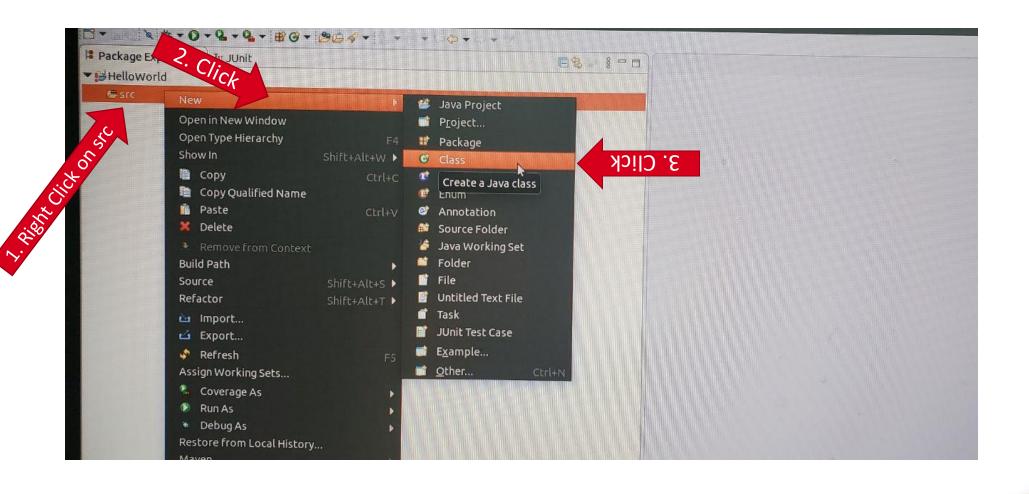


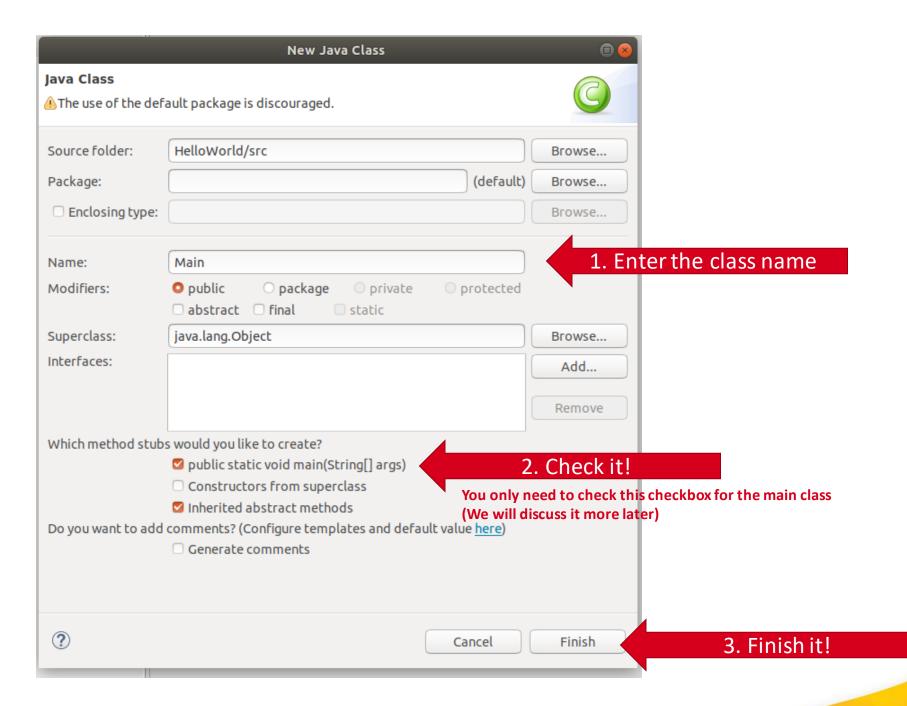






Create a new java Class











```
☑ Main.java 
☒

    public class Main {
         public static void main(String[] args) {
  40
                                                           This is the Java Main Class Skeleton
             //Your Code!
             System.out.println("Hello World!");
                                                              Write the HelloWorld line here!
  9
 10
 11
 12
```



Run Your Code!



Congratulation! This is your first java program!



 Now please try it at home and let me know if you have any question

Email: sepehr.sabour@ucalgary.ca

Zoom Meeting: pesehr.youcanbook.me