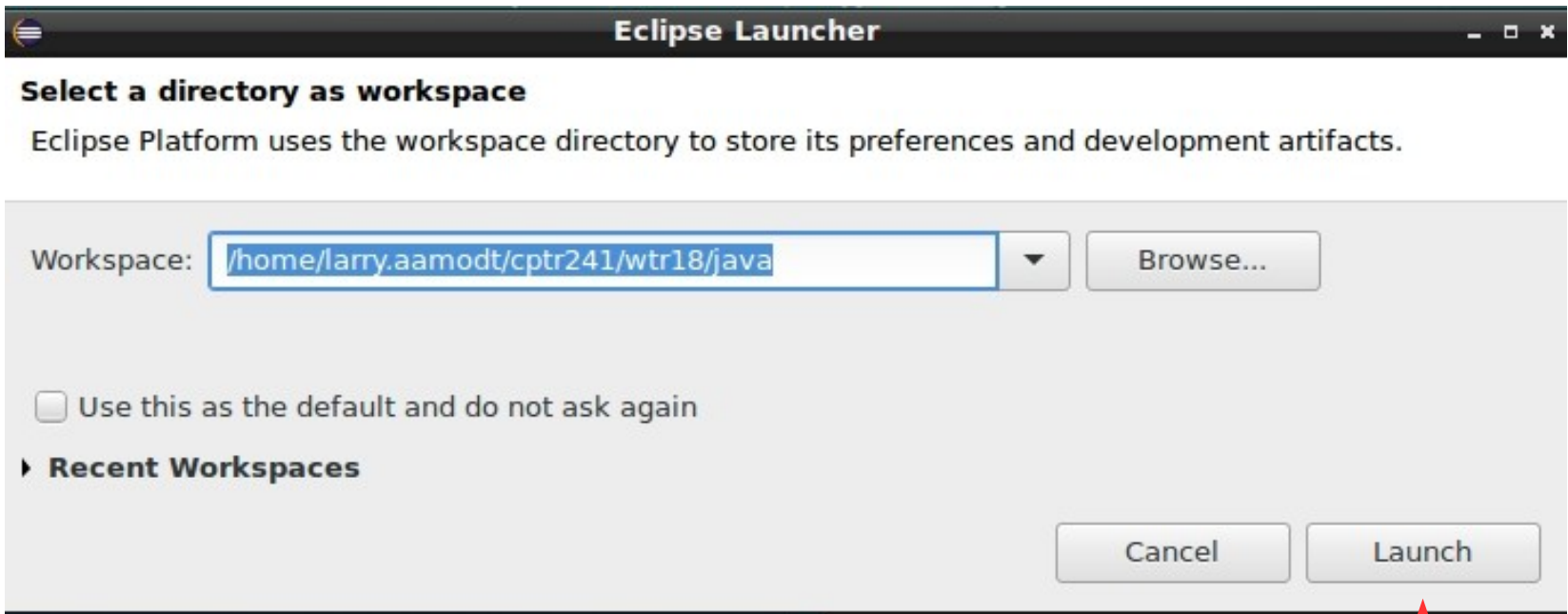




Eclipse



Select a directory as workspace

Eclipse Platform uses the workspace directory to store its preferences and development artifacts.

Workspace:

`/home/larry.aamodt/cptr241/wtr18/java`

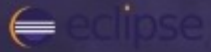
Browse...

Use this as the default and do not ask again

▶ Recent Workspaces

Cancel

Launch



Welcome to Eclipse



Workbench



CLICK ON
Workbench



Overview

Get an overview of the features



Tutorials

Go through tutorials



Samples

Try out the samples



What's New

Find out what is new



Migrate

Migrate to the new release



Quick Access

Project Explorer

Outline

An outline is not available.

Tasks

0 items

✓	!	Description	Resource	Path	Location

0 items selected

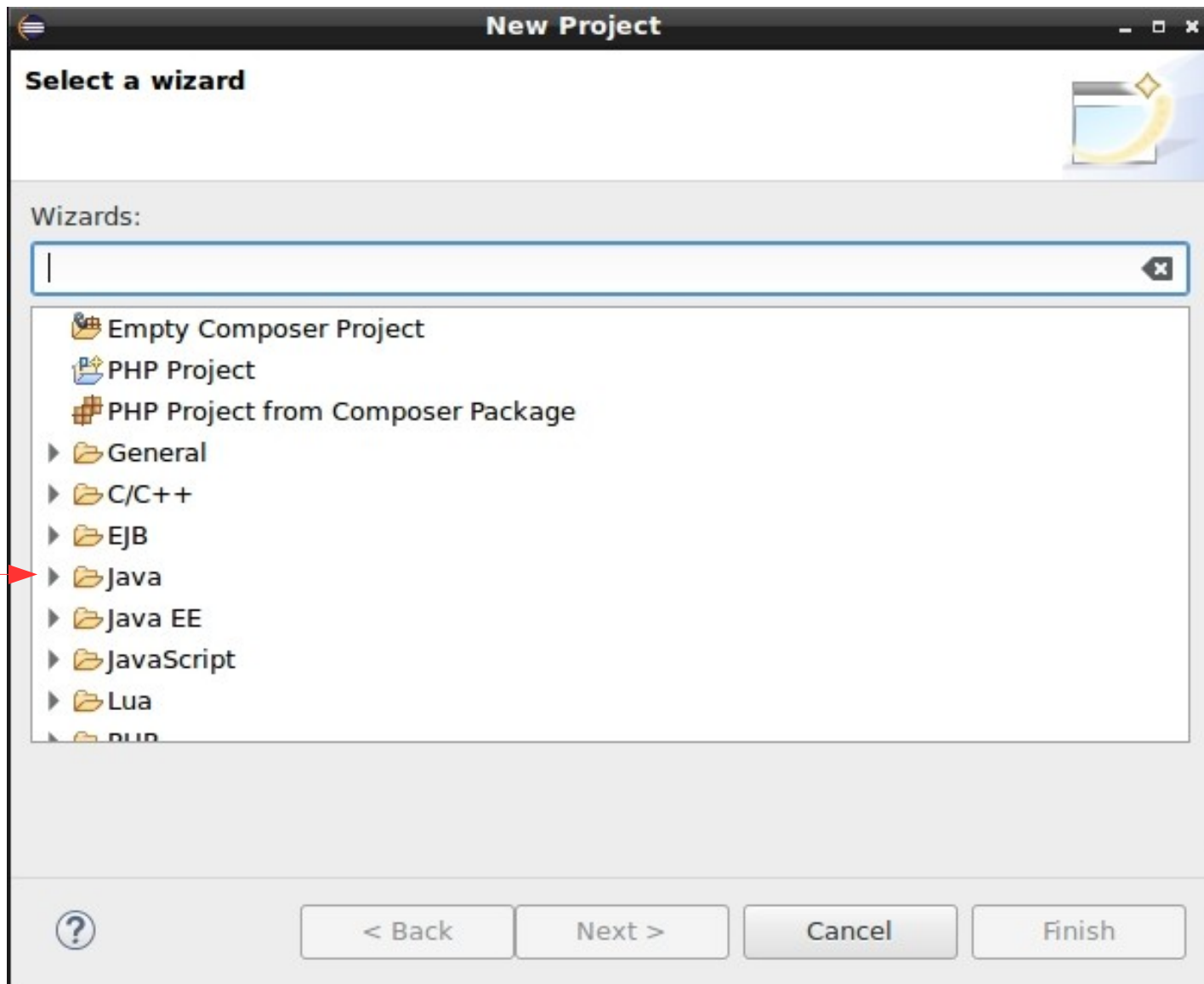


- New Shift+Alt+N
- Open File...
- Open Projects from File System...
- Close Ctrl+W
- Close All Shift+Ctrl+W
- Save Ctrl+S
- Save As...
- Save All Shift+Ctrl+S
- Revert
- Move...
- Rename... F2
- Refresh F5
- Convert Line Delimiters To
- Print... Ctrl+P
- Import...
- Export...
- Properties Alt+Enter
- Switch Workspace
- Restart
- Exit

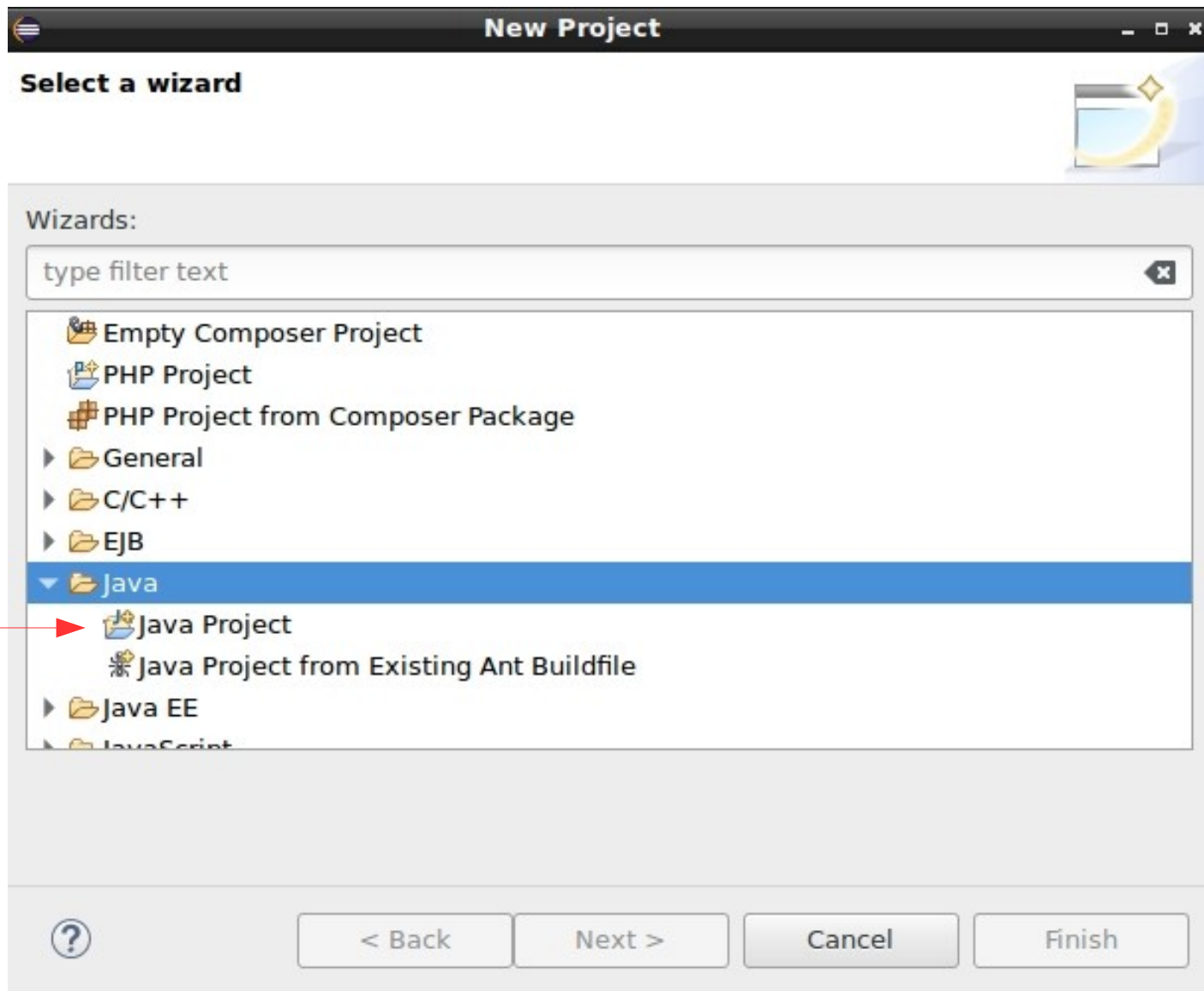
- Project...
- Folder
- File
- Untitled Text File
- Example...
- Other... Ctrl+N

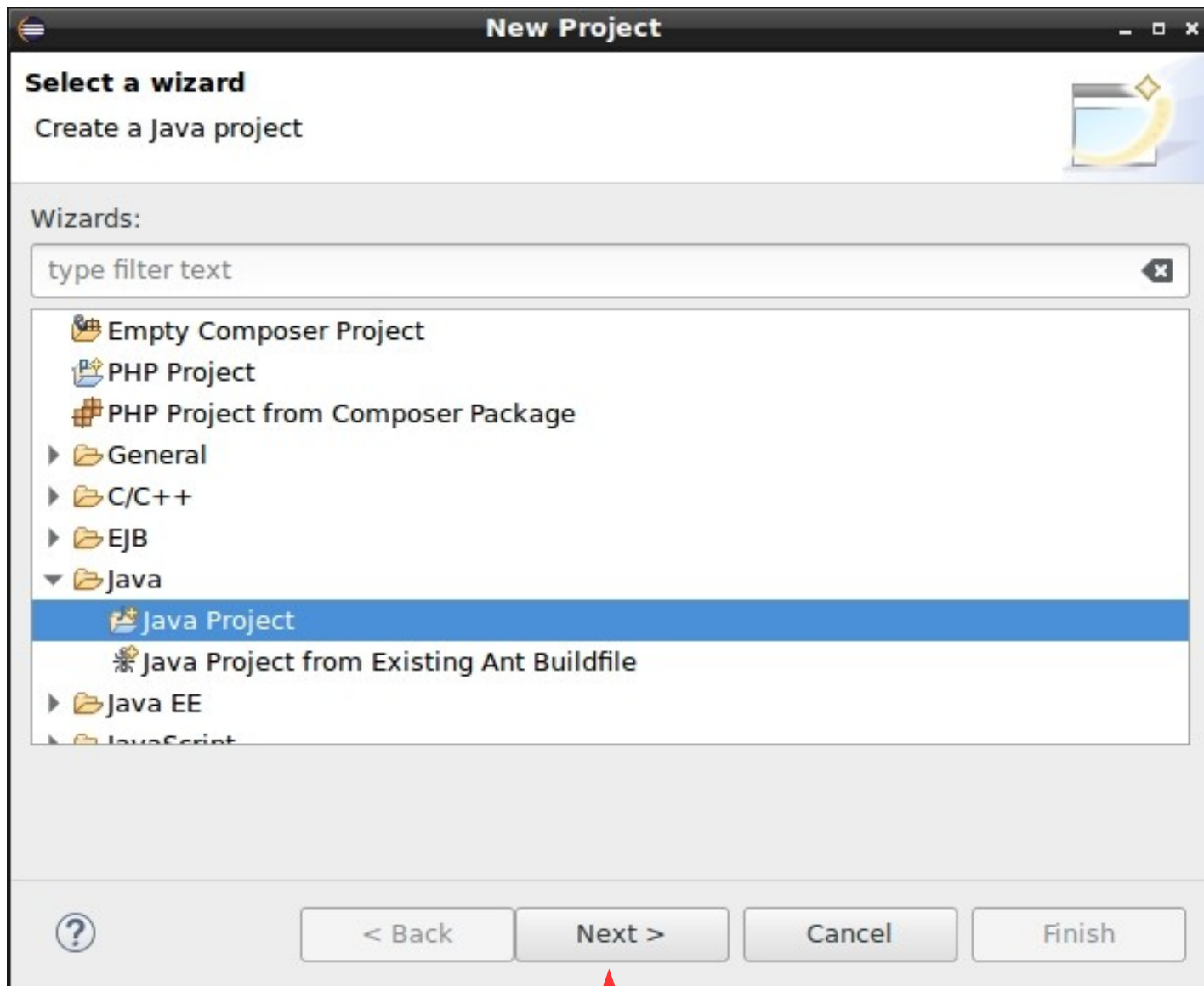
Quick Access

Description	Resource	Path	Location
-------------	----------	------	----------



CLICK





New Java Project

Create a Java project in the workspace or in an external location.

Project name:

Use default location
Location:

JRE

Use an execution environment JRE:

Use a project specific JRE:

Use default JRE (currently 'java-8-openjdk-amd64') [Configure JREs...](#)

Project layout

Use project folder as root for sources and class files

Create separate folders for sources and class files [Configure default...](#)

Working sets

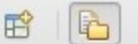
Add project to working sets

Working sets:





Quick Access



Project Explorer

- demo1

Outline

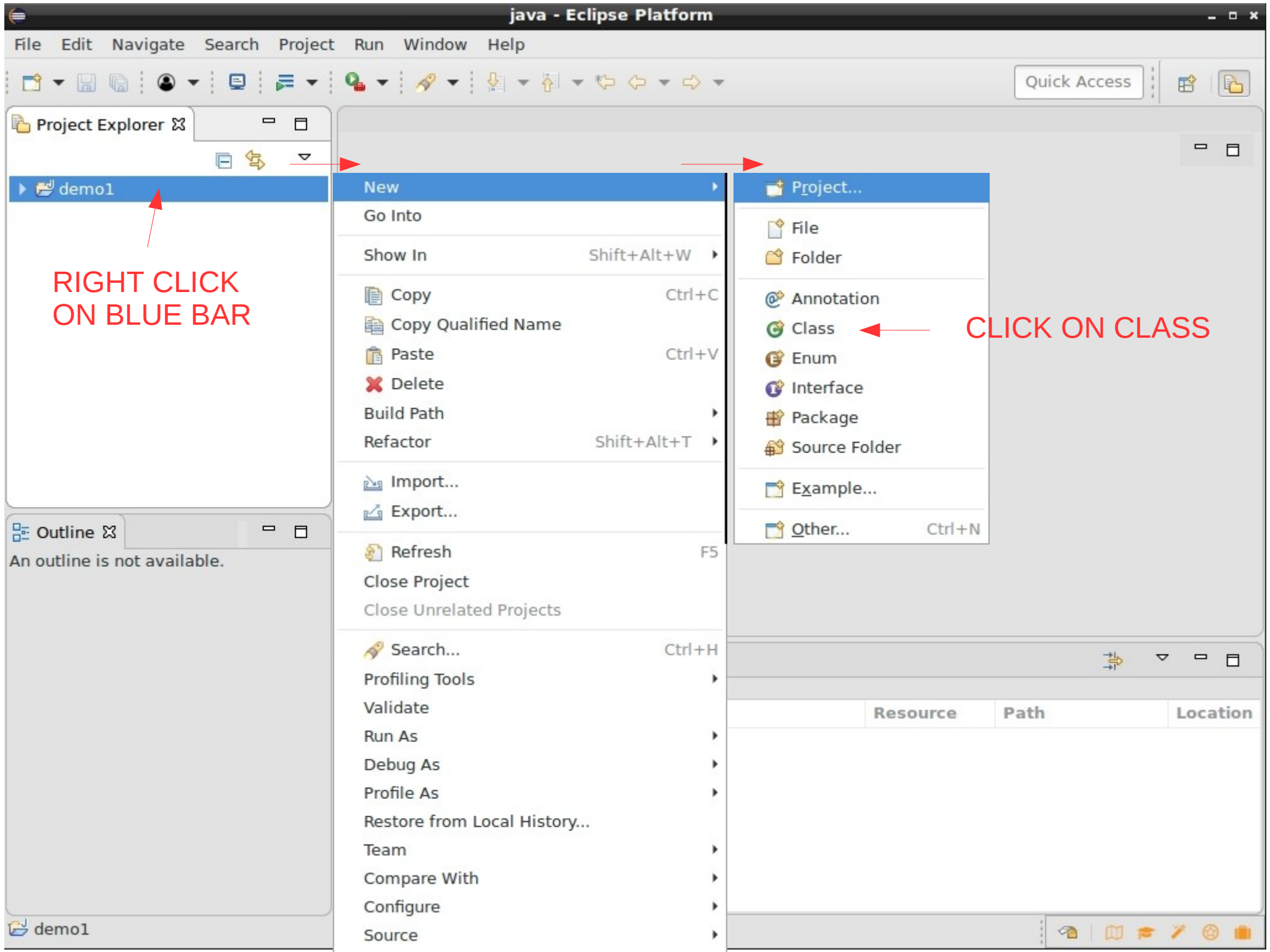
An outline is not available.

Main editor area (currently blank)

Tasks

0 items

✓	!	Description	Resource	Path	Location
---	---	-------------	----------	------	----------



RIGHT CLICK
ON BLUE BAR

CLICK ON CLASS

New Java Class

Java Class
Create a new Java class.

Source folder:

Package:

Enclosing type:

Name:

Modifiers: public package private protected
 abstract final static

Superclass:

Interfaces:

Which method stubs would you like to create?

public static void main(String[] args)
 Constructors from superclass
 Inherited abstract methods

Do you want to add comments? (Configure templates and default value [here](#))
 Generate comments



Quick Access

Project Explorer

- demo1
 - JRE System Library [java-8-ope
 - demo1
 - Example1.java

```
package demo1;

public class Example1 {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
    }
}
```

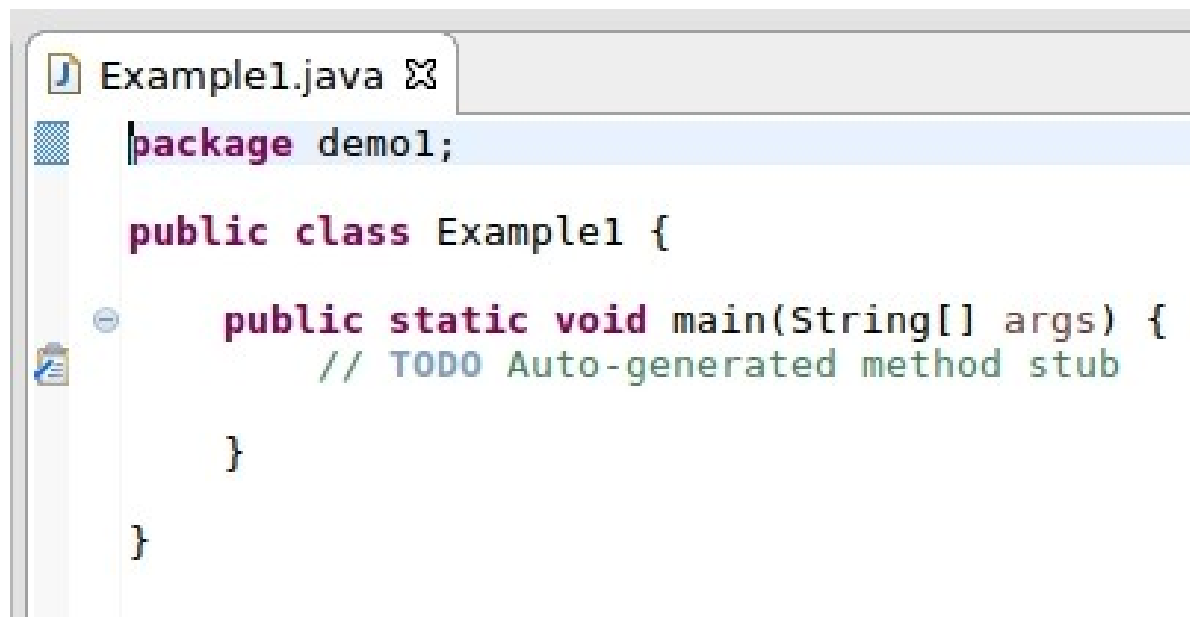
Outline

- demo1
 - Example1
 - main(String[]) : void

Tasks

1 items

✓	!	Description	Resource	Path	Location
		TODO Auto-generated method stub	Example1.java	/demo1/demo1	line 6



```
Example1.java ✖  
package demol;  
  
public class Example1 {  
    public static void main(String[] args) {  
        // TODO Auto-generated method stub  
    }  
}
```

Automatically generated framework for a program

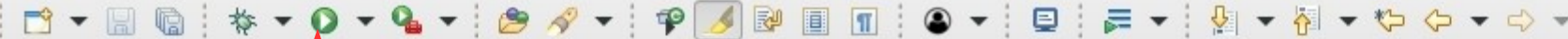

```
*Example1.java ⌘
package dem01;

public class Example1 {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        System.out.println("Hello World");
    }
}
```

Print statement

Complete Hello World program



RUN BUTTON

Project Explorer

- demo1
 - JRE System Library [java-8-ope
 - demo1
 - Example1.java

Outline

- demo1
 - Example1
 - main(String[]) : void

Run As

Select a way to run 'Example1.java':

- Java Application
- Java Application In Container

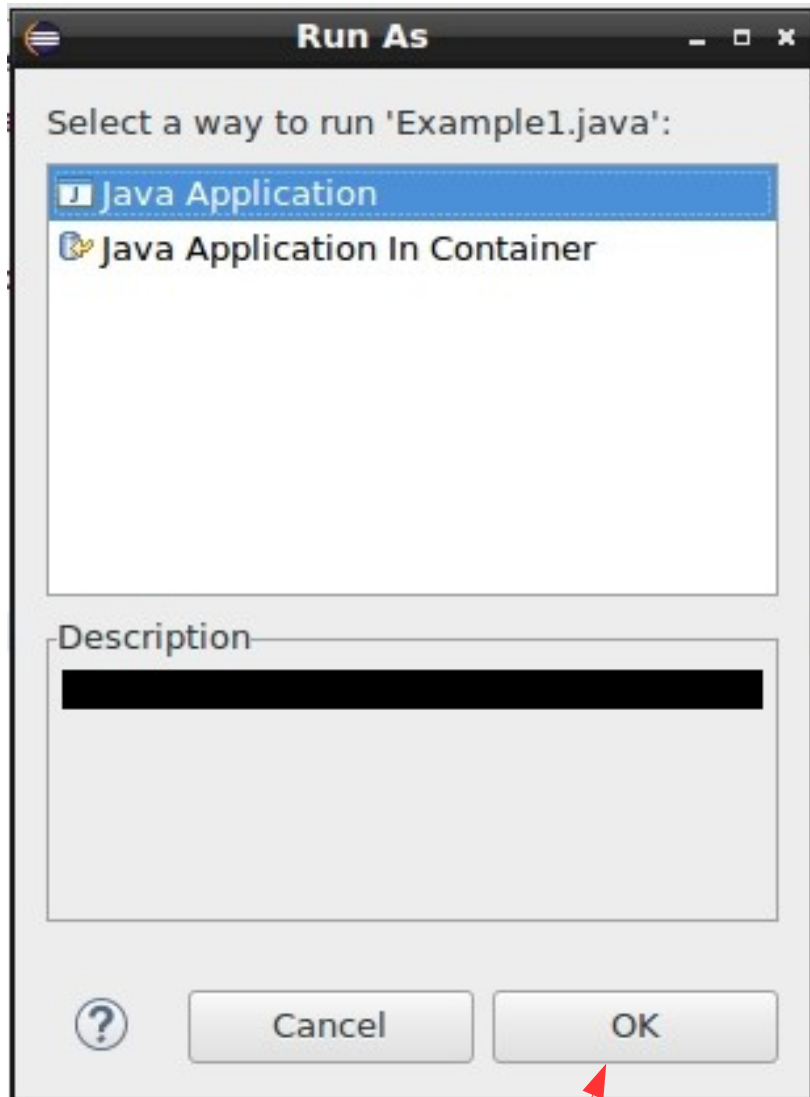
Description

Cancel OK

Tasks

1 items

	!	Description	Resource	Path	Location
✓		TODO Auto-generated method stub	Example1.java	/demo1/demo1	line 6



Clicking here runs
The compiler and
Then runs the program



Quick Access

Project Explorer

- demo1
 - JRE System Library [java-8-ope
 - demo1
 - Example1.java

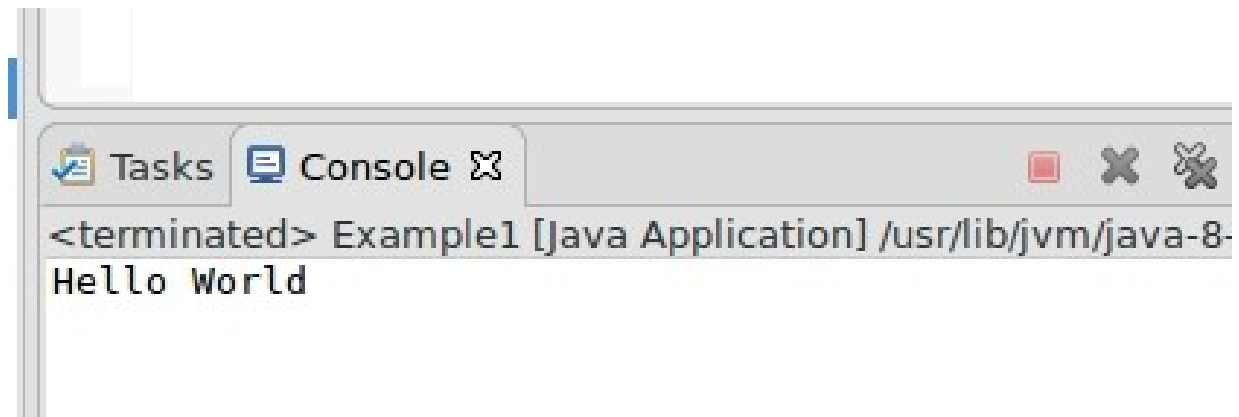
```
Example1.java  
  
package demo1;  
  
public class Example1 {  
  
    public static void main(String[] args) {  
        // TODO Auto-generated method stub  
        System.out.println("Hello World");  
    }  
}
```

Outline

- demo1
 - Example1
 - main(String[]) : void

<terminated> Example1 [Java Application] /usr/lib/jvm/java-8-openjdk-amd64/bin/java (Jan 10, 2018, 11:03:21 PM)
Hello World





OUTPUT DISPLAYED IN THE CONSOLE WINDOW

