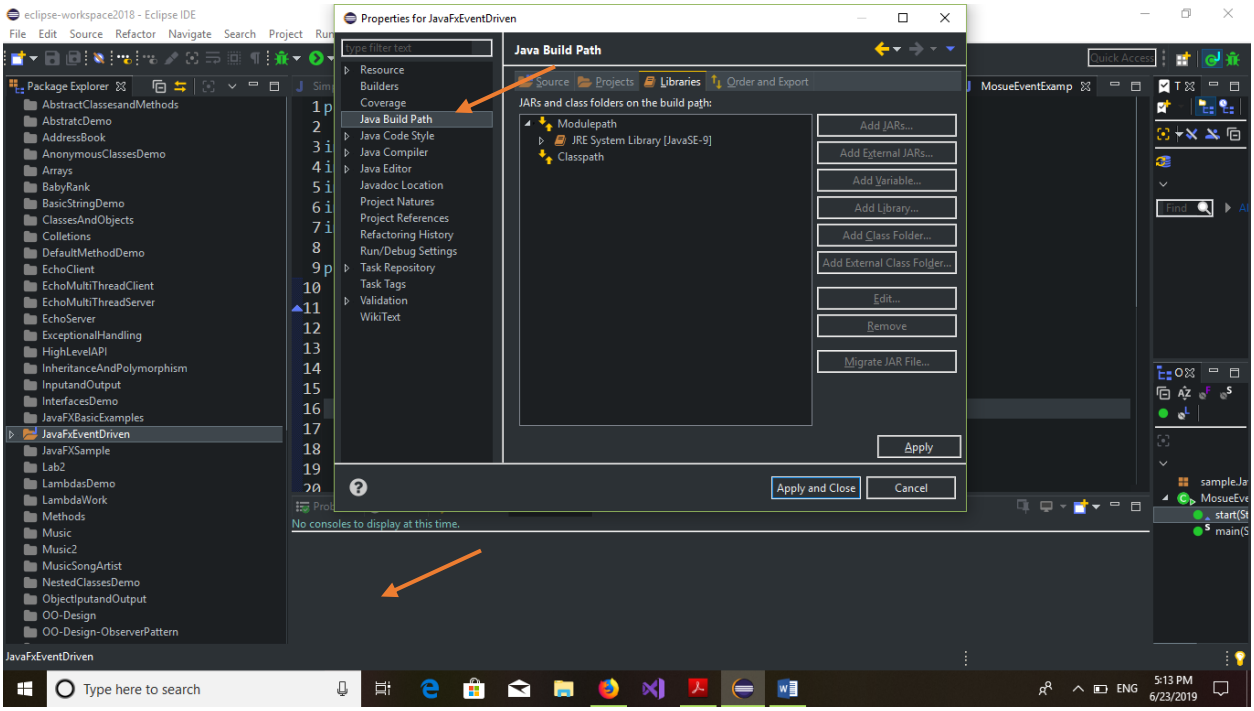
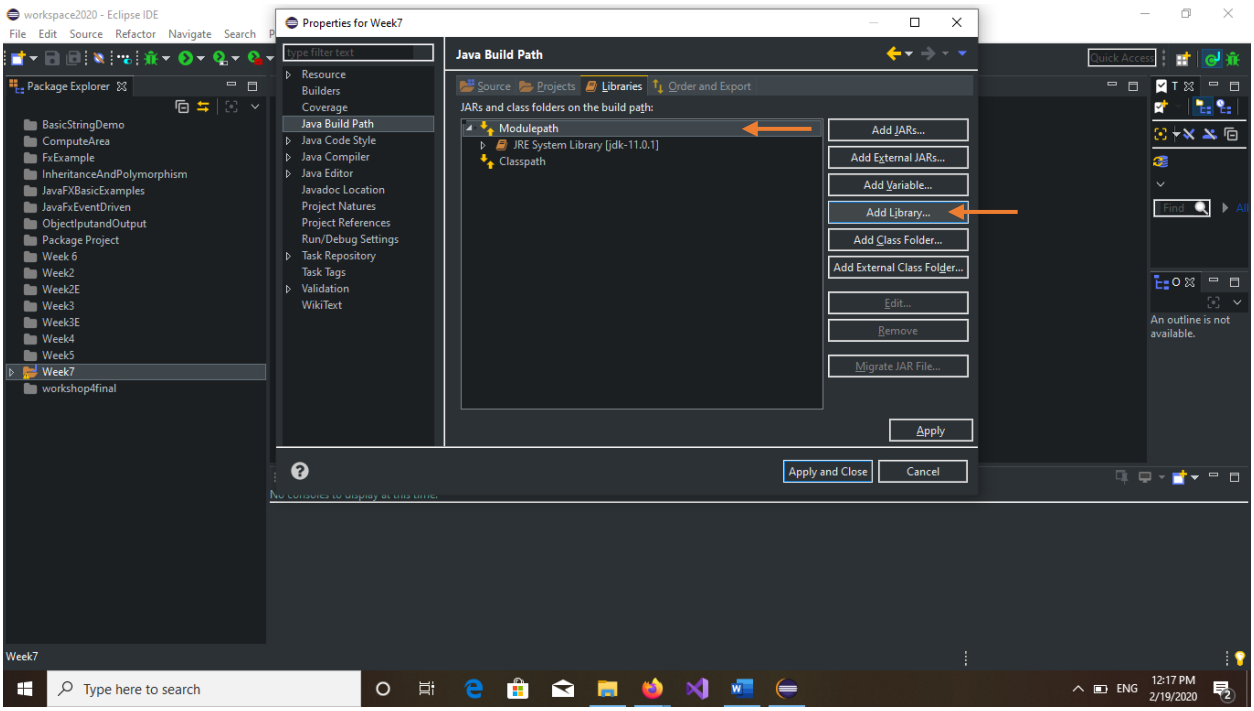
1. Download and Install JavaFx SDK first: https://gluonhq.com/products/javafx/
2. Edit the System Path variable add two new paths in their
    a. first for ("Your installed path for javaFx") \javafx-sdk-11.0.1\bin
    b. second for ("Your installed path for javaFx") \javafx-sdk-11.0.1\lib
3. Create a Java Project in eclipse and then do the following steps as shown in the images below.

Build Path of the project



Creating a user library


workspace2020 - Eclipse IDE
File Edit Source Refactor Navigate Search
Package Explorer
BasicStringDemo
ComputeArea
FxExample
InheritanceAndPolymorphism
JavaFXBasicExamples
JavaFxEventDriven
ObjectIputandOutput
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Week3E
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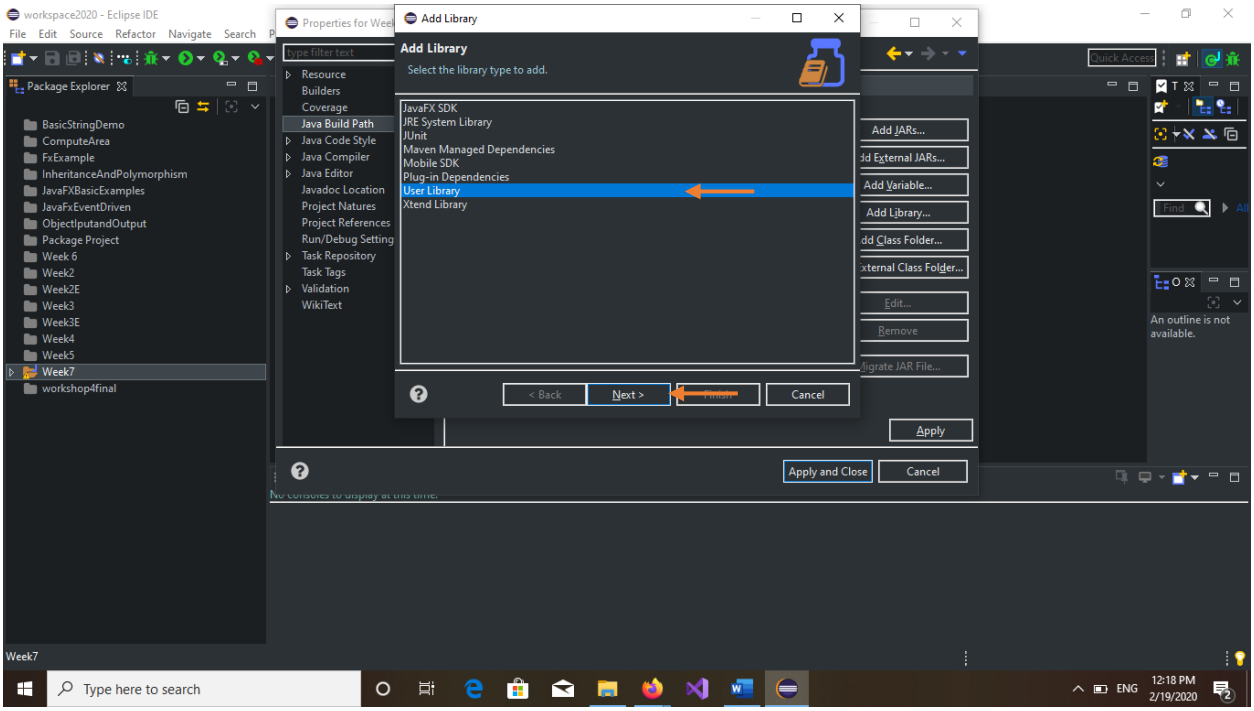
Java Build Path
Java Code Style
Java Compiler
Java Editor
Javadoc Location
Project Natures
Project References
Run/Debug Settings
Task Repository
Task Tags
Validation
WikiText
Source Projects Libraries Order and Export
JARs and class folders on the build path:
Modulepath
JRE System Library [jdk-11.0.1]
Classpath
Add JARs...
Add External JARs...
Add Variable...
Add Library...
Add Class Folder...
Add External Class Folder...
Edit...
Remove
Migrate JAR File...
Apply
Apply and Close
Cancel
An outline is not available.
Week7
Type here to search
ENG
12:17 PM
2/19/2020


workspace2020 - Eclipse IDE
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JavaFXBasicExamples
JavaFxEventDriven
ObjectIputandOutput
Package Project
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Week2E
Week3
Week3E
Week4
Week5
Week7
workshop4final
Add Library
Add Library
Select the library type to add.
JavaFX SDK
JRE System Library
JUnit
Maven Managed Dependencies
Mobile SDK
Plug-in Dependencies
User Library
Xtend Library
< Back
Next >
Finish
Cancel
Apply
Apply and Close
Cancel
An outline is not available.
Week7
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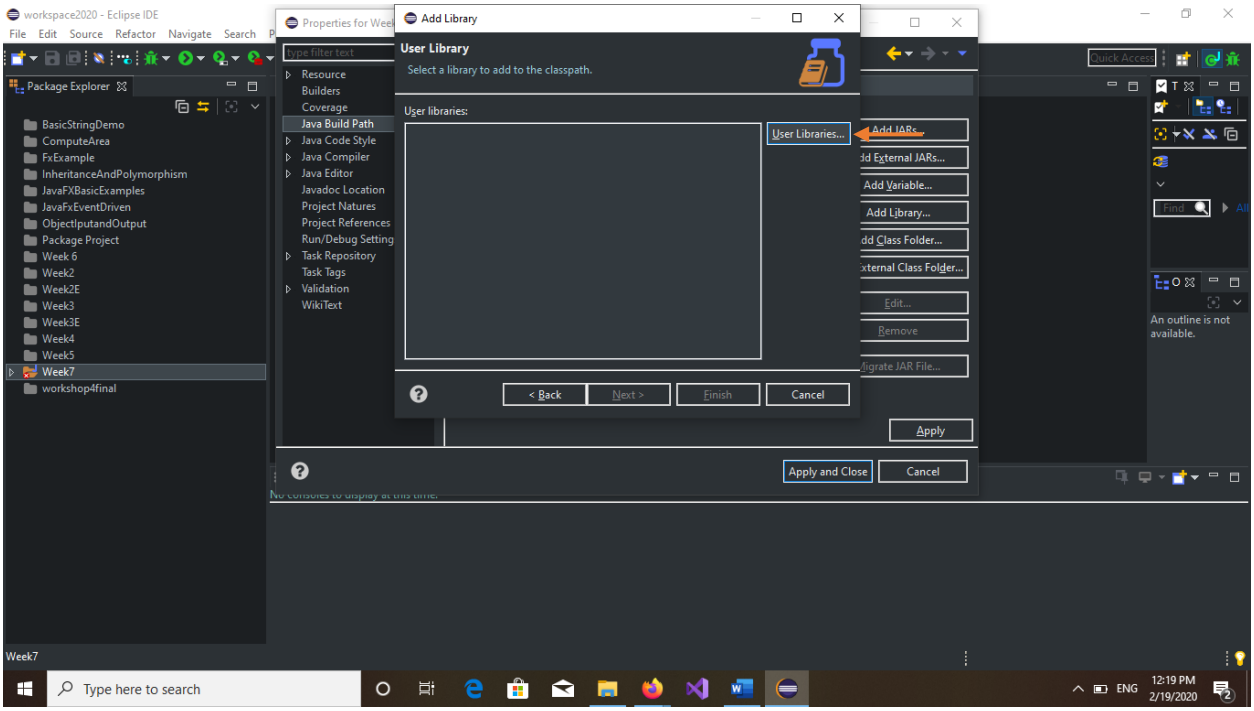
ENG
12:18 PM
2/19/2020


workspace2020 - Eclipse IDE
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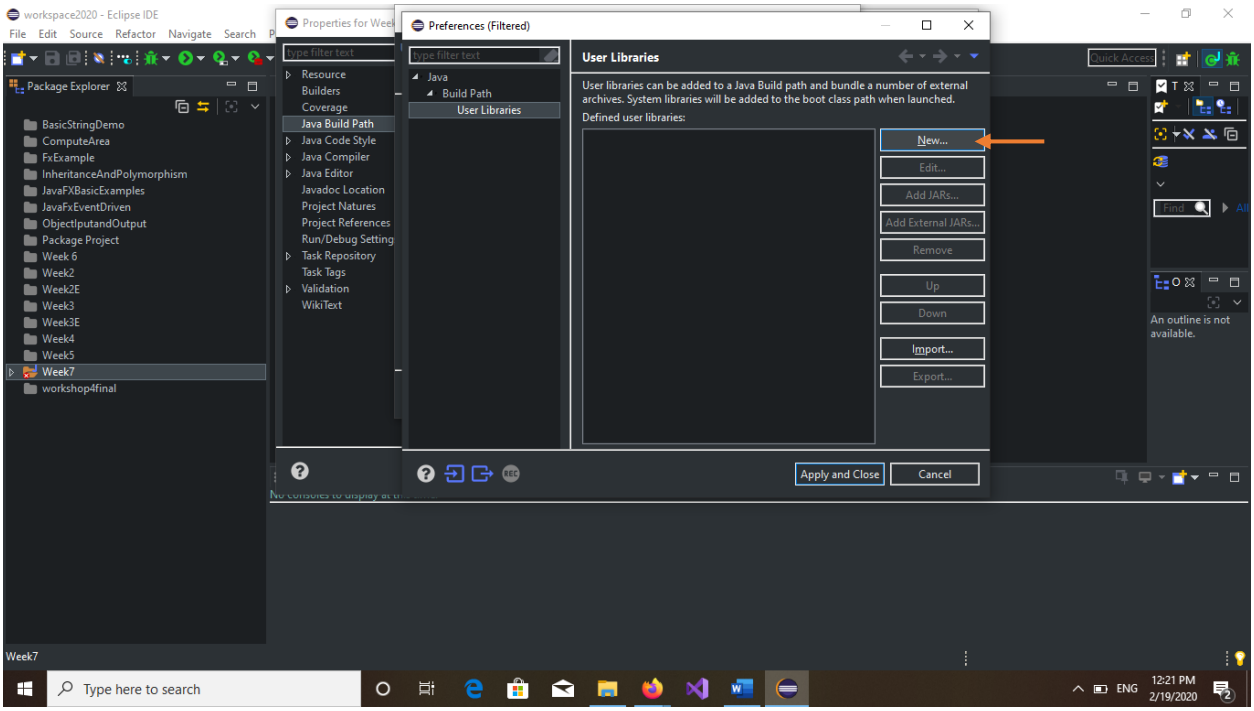
Task Tags
Validation
WikiText
Add Library
User Library
Select a library to add to the classpath.
User libraries:
User Libraries...
< Back
Next >
Finish
Cancel
Add JARs...
Add External JARs...
Add Variable...
Add Library...
Add Class Folder...
External Class Folder...
Edit...
Remove
Migrate JAR File...
Apply
Apply and Close
Cancel
Quick Access
Find
An outline is not available.
Week7
Type here to search
ENG
12:19 PM
2/19/2020


workspace2020 - Eclipse IDE
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Package Explorer
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JavaFXBasicExamples
JavaFxEventDriven
ObjectIputandOutput
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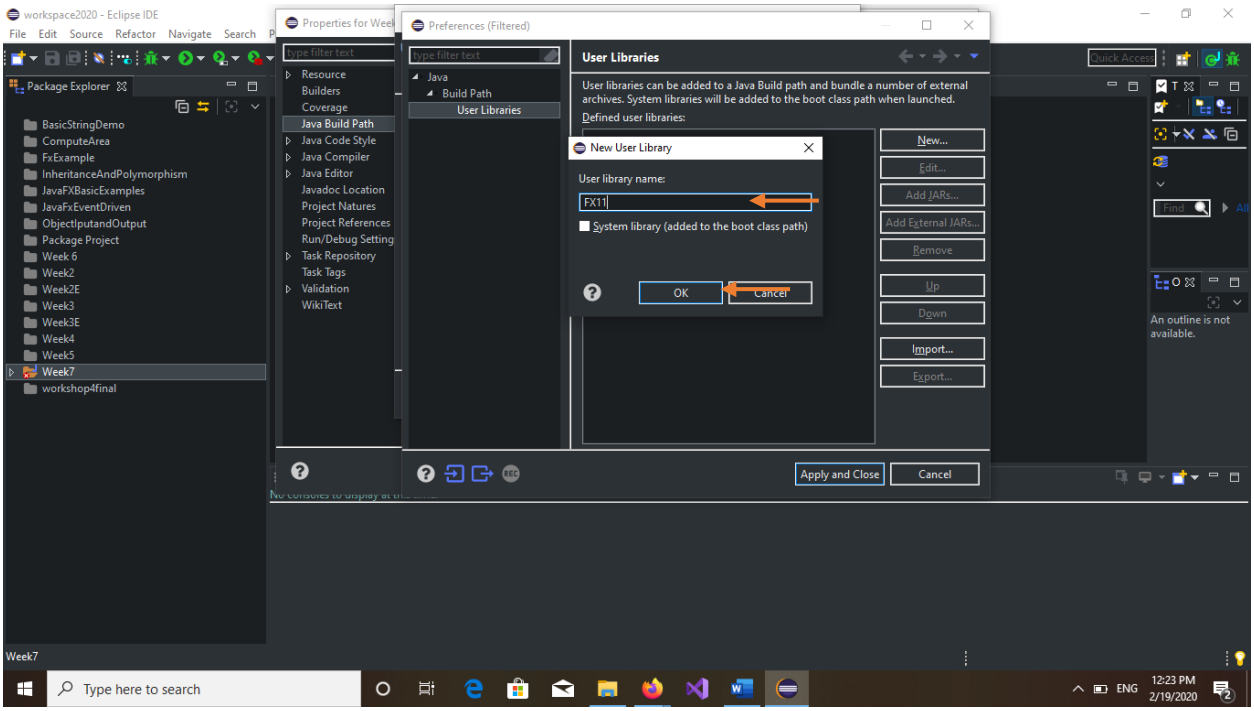
Task Repository
Task Tags
Validation
WikiText
Preferences (Filtered)
type filter text
Java
Build Path
User Libraries
User Libraries
User libraries can be added to a Java Build path and bundle a number of external archives. System libraries will be added to the boot class path when launched.
Defined user libraries:
New...
Edit...
Add JARs...
Add External JARs...
Remove
Up
Down
Import...
Export...
Apply and Close
Cancel
Quick Access
Find
An outline is not available.
Week7
Type here to search
ENG
12:21 PM
2/19/2020


workspace2020 - Eclipse IDE
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JavaFxEventDriven
ObjectIputandOutput
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Week3
Week3E
Week4
Week5
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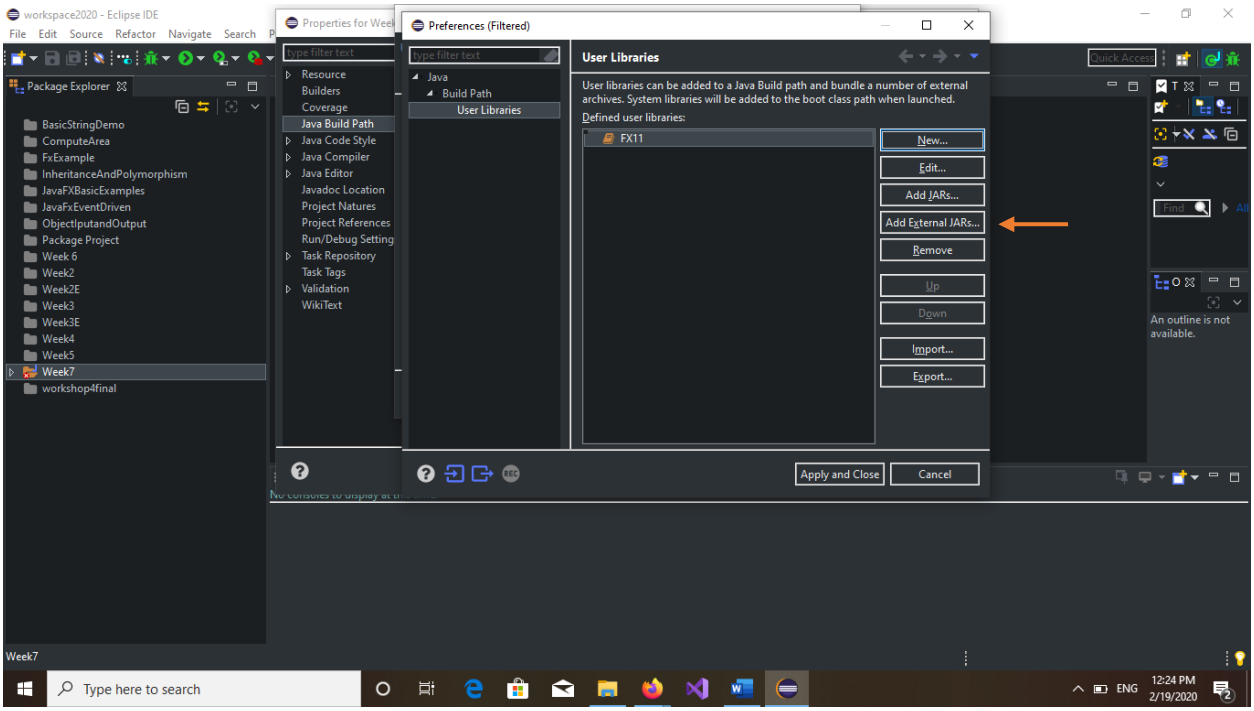
WikiText
Preferences (Filtered)
Java
Build Path
User Libraries
User Libraries
User libraries can be added to a Java Build path and bundle a number of external archives. System libraries will be added to the boot class path when launched.
Defined user libraries:
New...
Edit...
Add JARs...
Add External JARs...
Remove
Up
Down
Import...
Export...
New User Library
User library name:
FX11
System library (added to the boot class path)
OK
Cancel
Apply and Close
Cancel
Quick Access
Find
An outline is not available.
Week7
Type here to search
ENG
12:23 PM
2/19/2020


workspace2020 - Eclipse IDE
File Edit Source Refactor Navigate Search
Package Explorer
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ComputeArea
FxExample
InheritanceAndPolymorphism
JavaFXBasicExamples
JavaFxEventDriven
ObjectIputandOutput
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workshop4final
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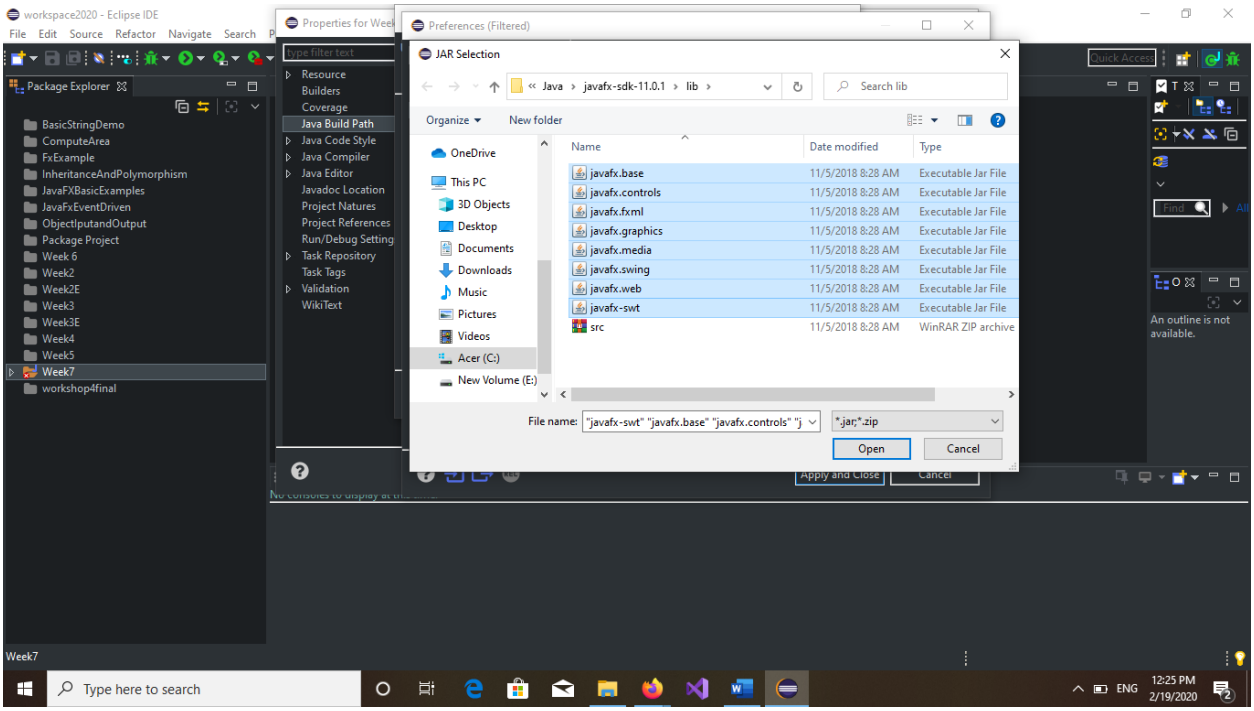
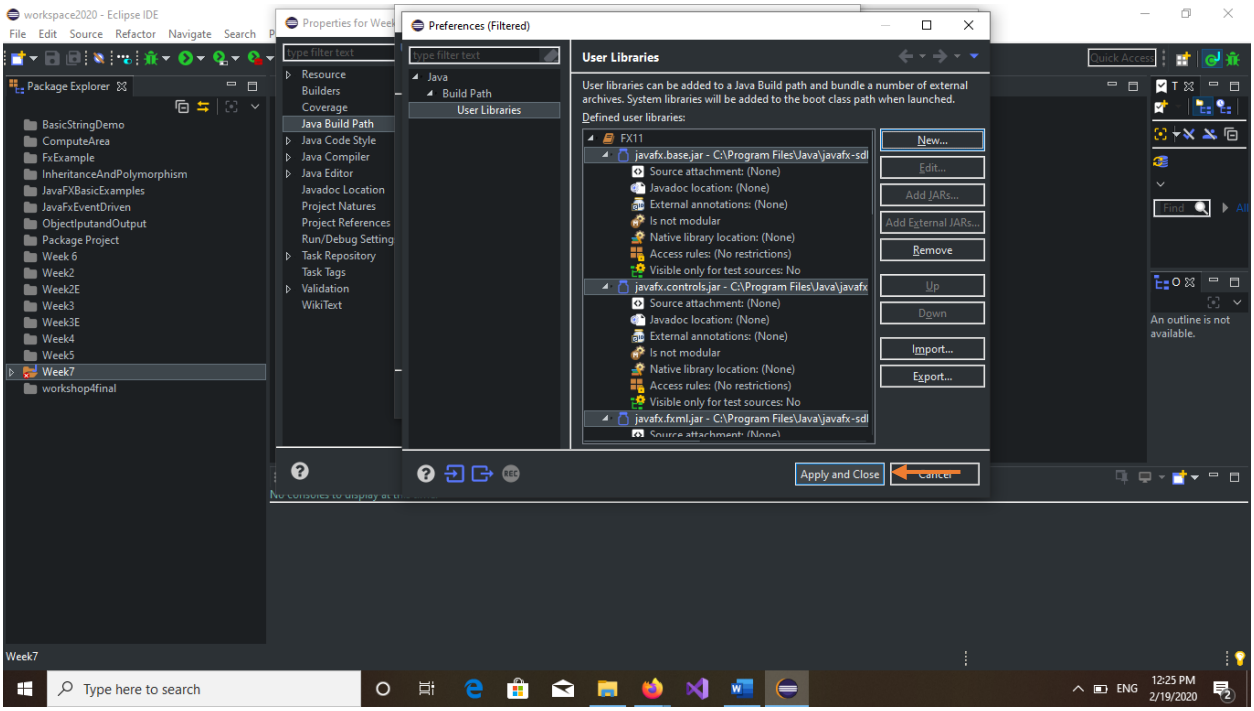
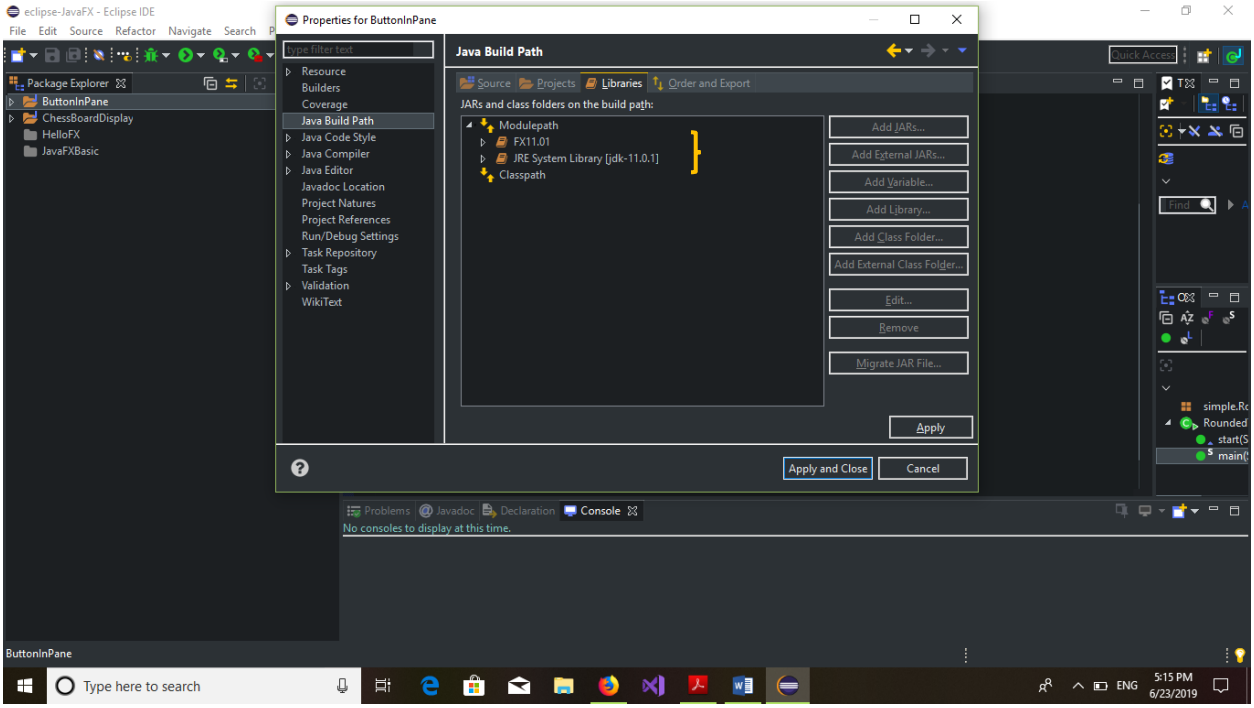
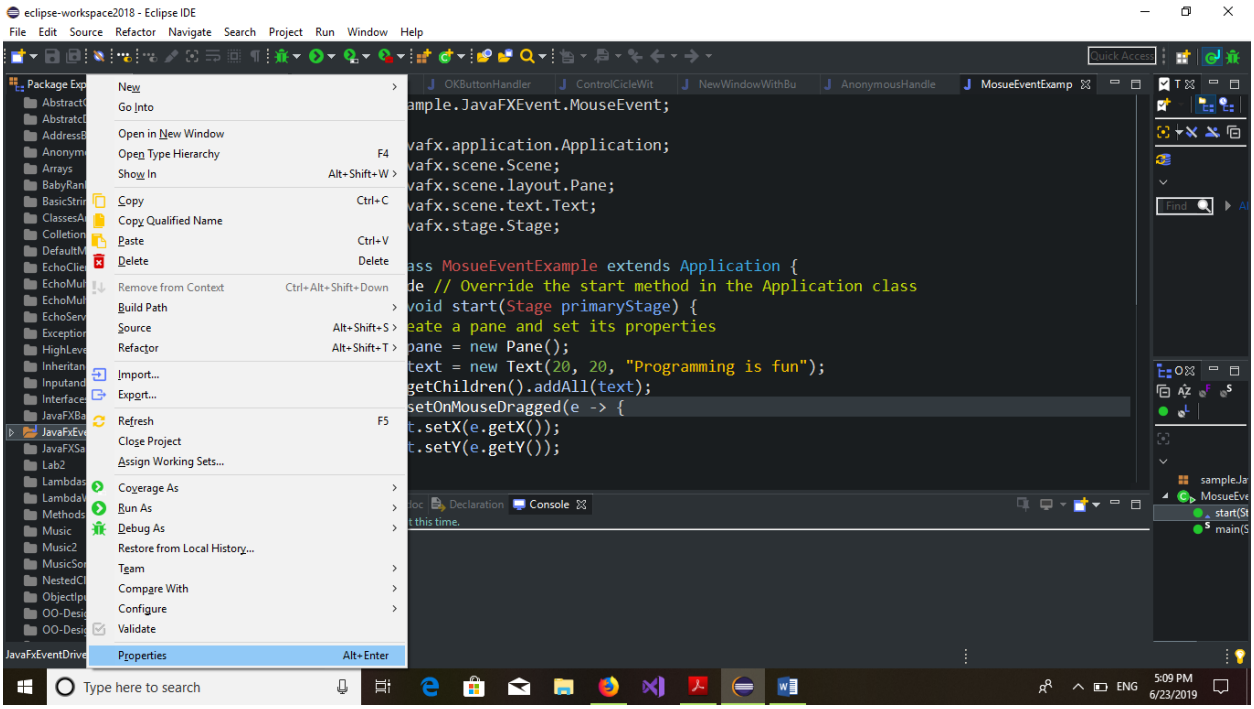
Task Tags
Validation
WikiText
Preferences (Filtered)
Java
Build Path
User Libraries
User Libraries
User libraries can be added to a Java Build path and bundle a number of external archives. System libraries will be added to the boot class path when launched.
Defined user libraries:
FX11
New...
Edit...
Add JARs...
Add External JARs...
Remove
Up
Down
Import...
Export...
Apply and Close
Cancel
Quick Access
Find
An outline is not available.
Week7
Type here to search
ENG
12:24 PM
2/19/2020

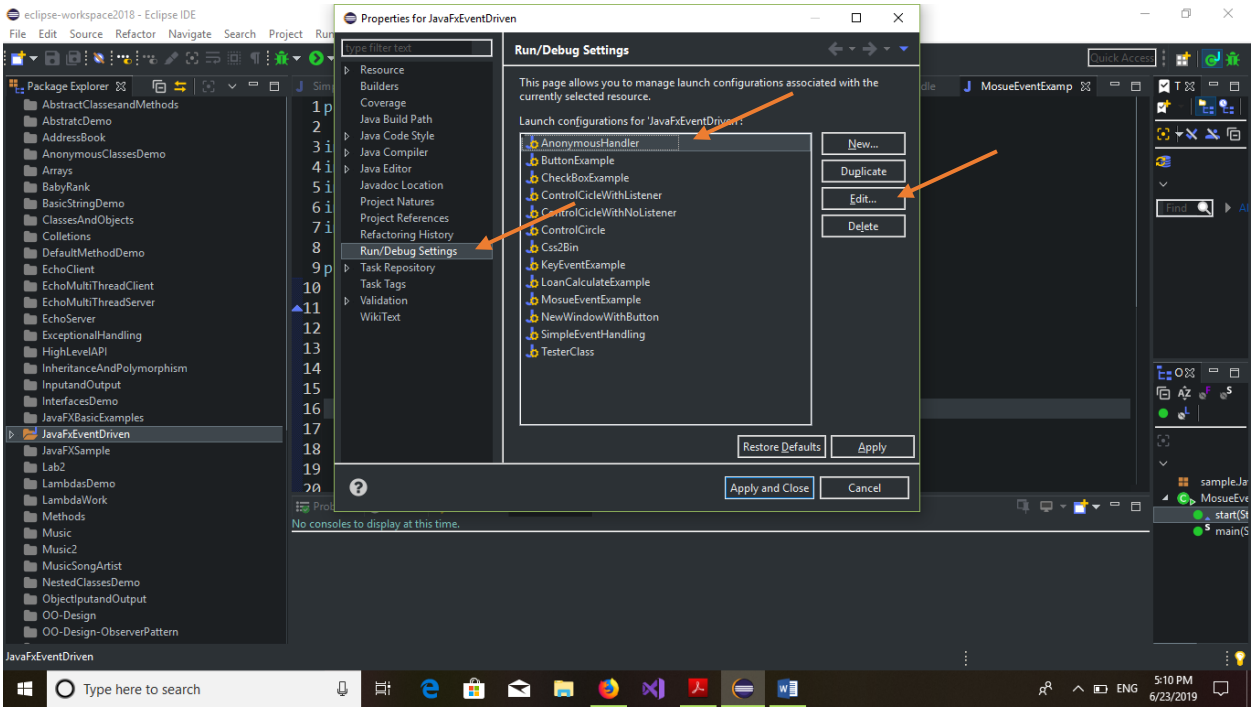


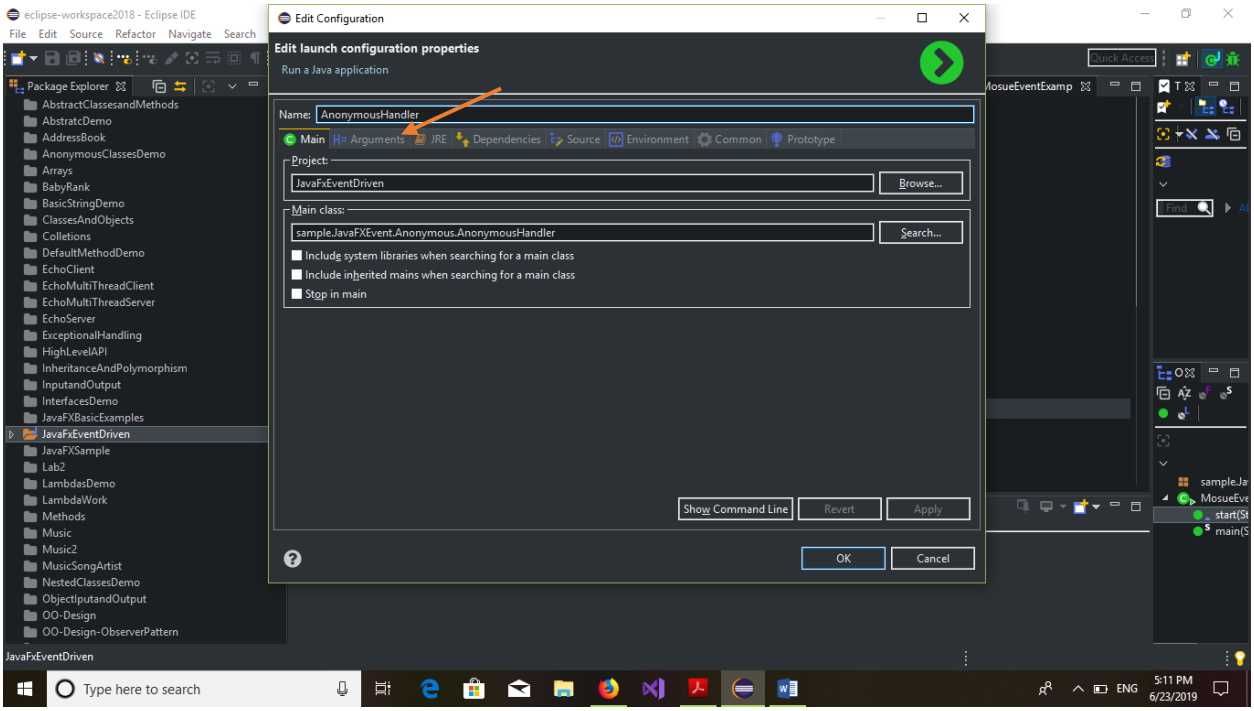


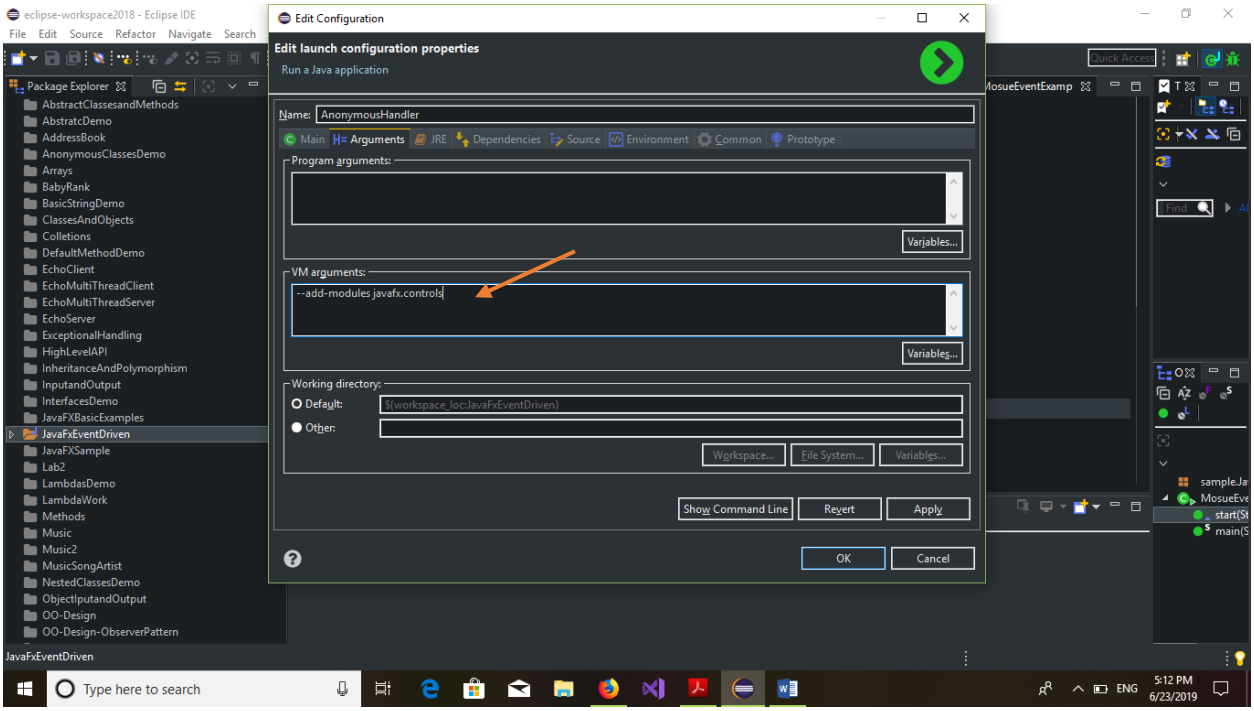
Your JRE and FX libraries are in ModulePath


eclipse-JavaFX - Eclipse IDE
File Edit Source Refactor Navigate Search
Properties for ButtonInPane
Java Build Path
Resource
Builders
Coverage
Java Build Path
Java Code Style
Java Compiler
Java Editor
Javadoc Location
Project Natures
Project References
Run/Debug Settings
Task Repository
Task Tags
Validation
WikiText
Source Projects Libraries Order and Export
JARs and class folders on the build path:
Modulepath
FX11.01
JRE System Library [jdk-11.0.1]
Classpath
Add JARs...
Add External JARs...
Add Variable...
Add Library...
Add Class Folder...
Add External Class Folder...
Edit...
Remove
Migrate JAR File...
Apply
Apply and Close
Cancel
Package Explorer
ButtonInPane
ChessBoardDisplay
HelloFX
JavaFXBasic
Problems Javadoc Declaration Console
No consoles to display at this time.
ButtonInPane
Type here to search
ENG
5:15 PM
6/23/2019


eclipse-workspace2018 - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
New
Go Into
Open in New Window
Open Type Hierarchy F4
Show In Alt+Shift+W
Copy Ctrl+C
Copy Qualified Name
Paste Ctrl+V
Delete Delete
Remove from Context Ctrl+Alt+Shift+Down
Build Path
Source Alt+Shift+S
Refactor Alt+Shift+T
Import...
Export...
Refresh F5
Close Project
Assign Working Sets...
Coverage As
Run As
Debug As
Restore from Local History...
Team
Compare With
Configure
Validate
Properties Alt+Enter
ample.JavaFXEvent.MouseEvent;
vafx.application.Application;
vafx.scene.Scene;
vafx.scene.layout.Pane;
vafx.scene.text.Text;
vafx.stage.Stage;
ass MouseEventExample extends Application {
de // Override the start method in the Application class
void start(Stage primaryStage) {
eate a pane and set its properties
pane = new Pane();
text = new Text(20, 20, "Programming is fun");
getChildren().addAll(text);
setOnMouseDragged(e -> {
t.setX(e.getX());
t.setY(e.getY());
Declaration Console
Type here to search
ENG
5:09 PM
6/23/2019


Properties for JavaFxEventDriven
Run/Debug Settings
This page allows you to manage launch configurations associated with the currently selected resource.
Launch configurations for 'JavaFxEventDriven':
AnonymousHandler
ButtonExample
CheckBoxExample
ControlCicleWithListener
ControlCicleWithNoListener
ControlCircle
Css2Bin
KeyEventExample
LoanCalculateExample
MosueEventExample
NewWindowWithButton
SimpleEventHandling
TesterClass
New...
Duplicate
Edit...
Delete
Restore Defaults
Apply
Apply and Close
Cancel
Run/Debug Settings
No consoles to display at this time.


Edit Configuration
Edit launch configuration properties
Run a Java application
Name: AnonymousHandler
Main
Arguments
JRE
Dependencies
Source
Environment
Common
Prototype
Project:
JavaFxEventDriven
Browse...
Main class:
sample.JavaFXEvent.Anonymous.AnonymousHandler
Search...
Include system libraries when searching for a main class
Include inherited mains when searching for a main class
Stop in main
Show Command Line
Revert
Apply
OK
Cancel


eclipse-workspace2018 - Eclipse IDE
File Edit Source Refactor Navigate Search
Package Explorer
AbstractClassesandMethods
AbstratcDemo
AddressBook
AnonymousClassesDemo
Arrays
BabyRank
BasicStringDemo
ClassesAndObjects
Colletions
DefaultMethodDemo
EchoClient
EchoMultiThreadClient
EchoMultiThreadServer
EchoServer
ExceptionalHandling
HighLevelAPI
InheritanceAndPolymorphism
InputandOutput
InterfacesDemo
JavaFXBasicExamples
JavaFxEventDriven
JavaFXSample
Lab2
LambdasDemo
LambdaWork
Methods
Music
Music2
MusicSongArtist
NestedClassesDemo
ObjectIputandOutput
OO-Design
OO-Design-ObserverPattern
JavaFxEventDriven
Edit Configuration
Edit launch configuration properties
Run a Java application
Name: AnonymousHandler
Main Arguments JRE Dependencies Source Environment Common Prototype
Program arguments:
Variables...
VM arguments:
--add-modules javafx.controls
Variables...
Working directory:
Default: ${workspace_loc:JavaFxEventDriven}
Other:
Workspace... File System... Variables...
Show Command Line Revert Apply
OK Cancel
Type here to search
ENG
5:12 PM
6/23/2019