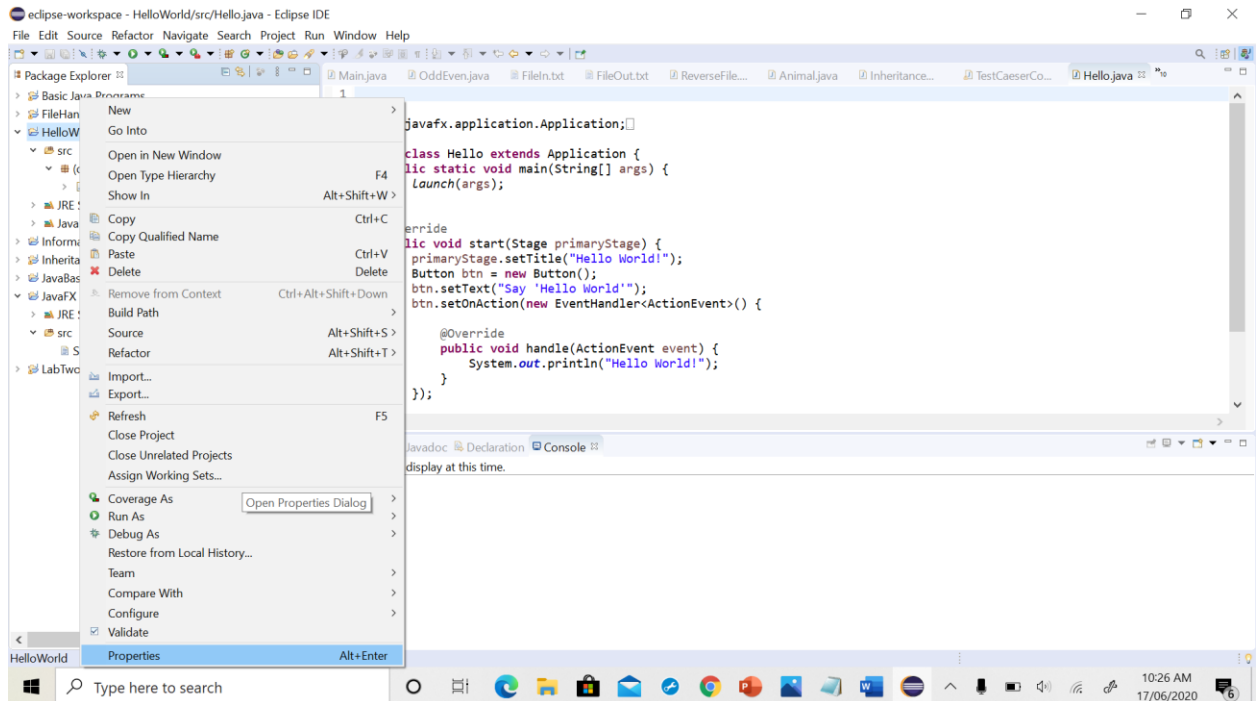
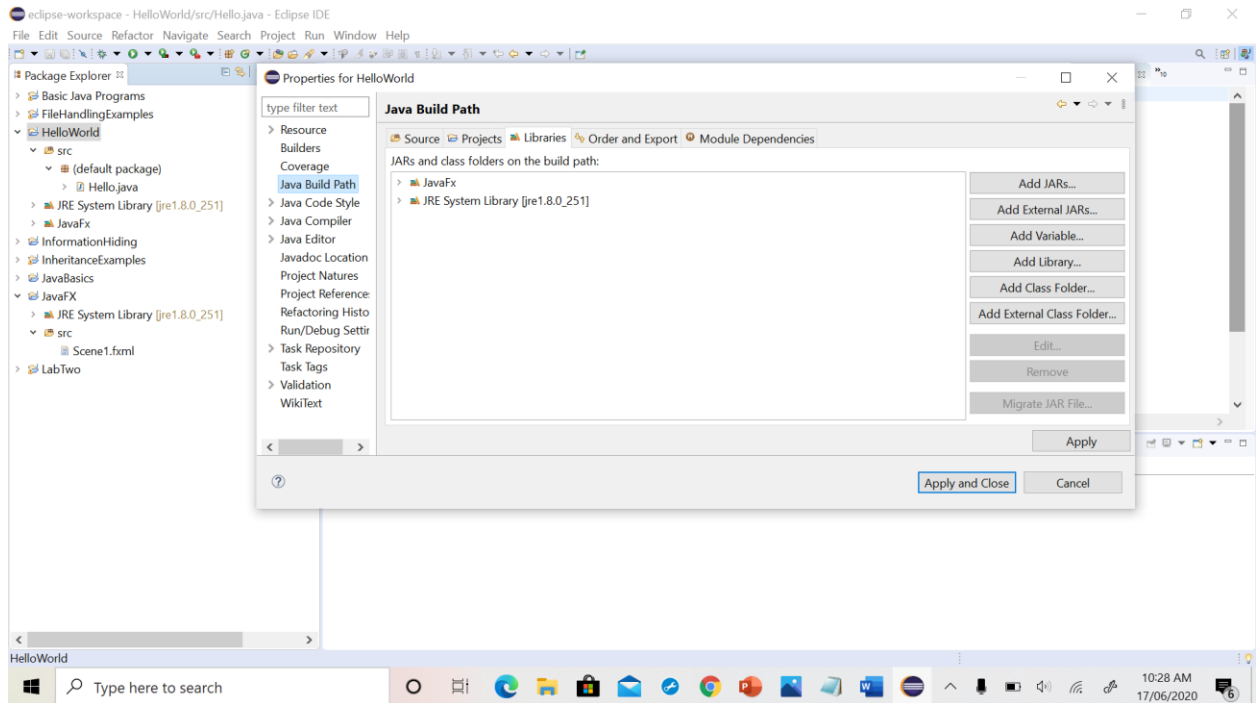


## Configure JAVAFX

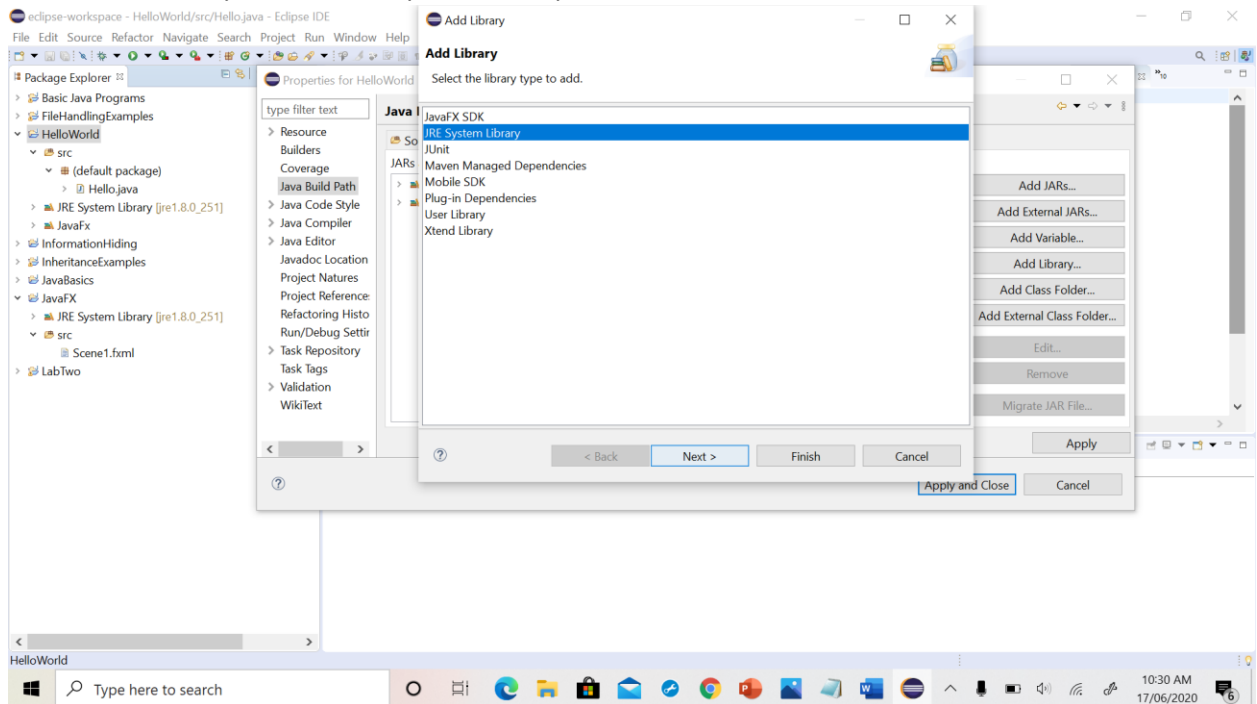
1. Create a new project on eclipse.
2. Create a simple class namely Hello.
3. To configure JavaFx. Right click on the project and click on properties.



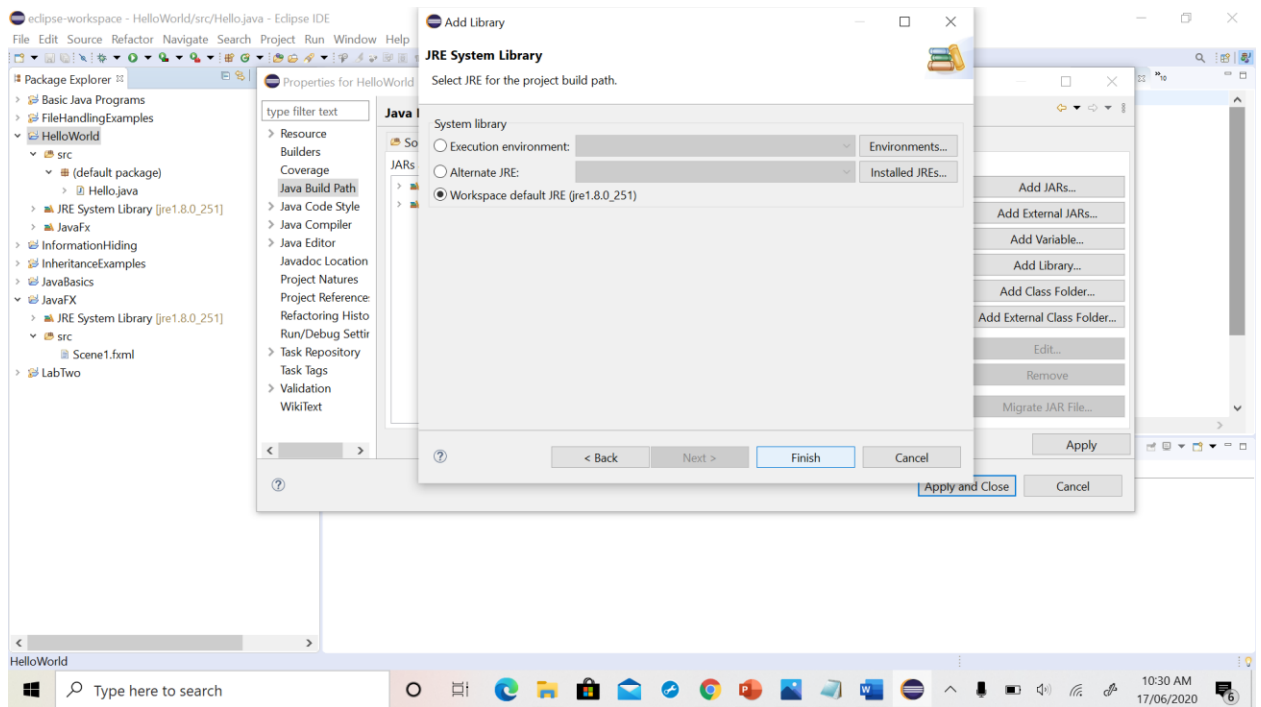
4. Go to Java Build path, and click on libraries



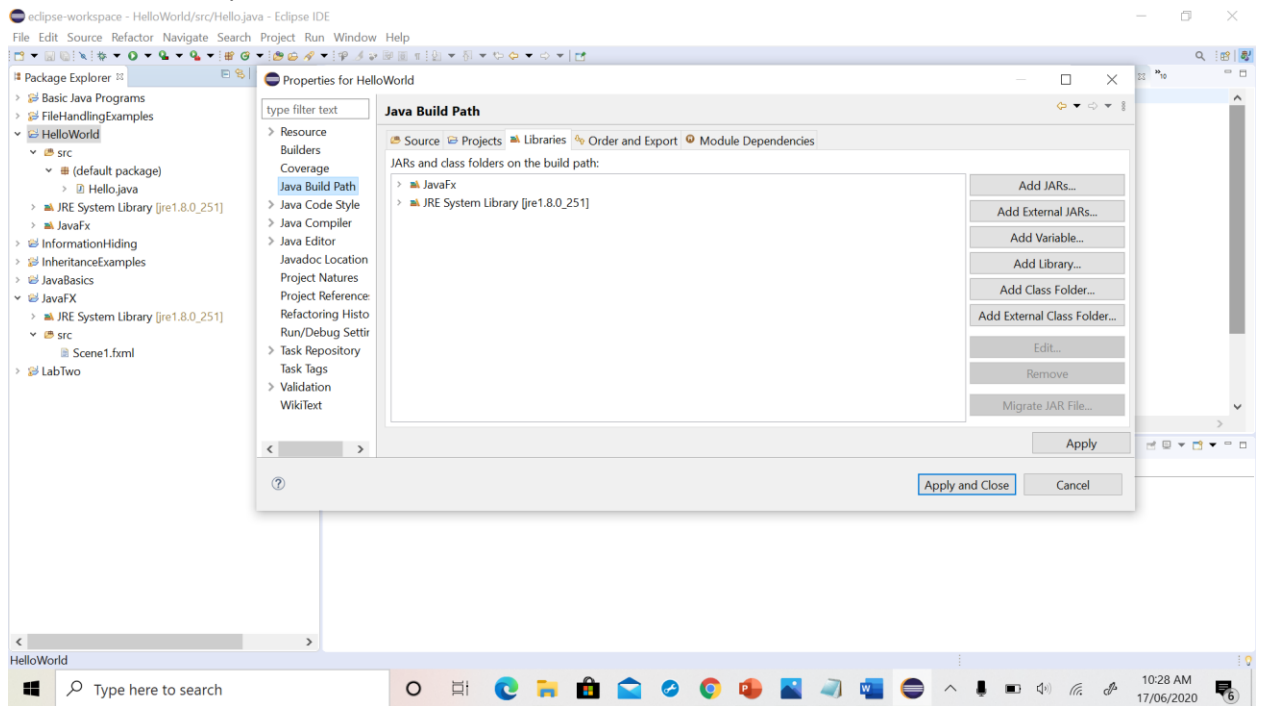
5. Click on add library, click on JRE System Library, click next,



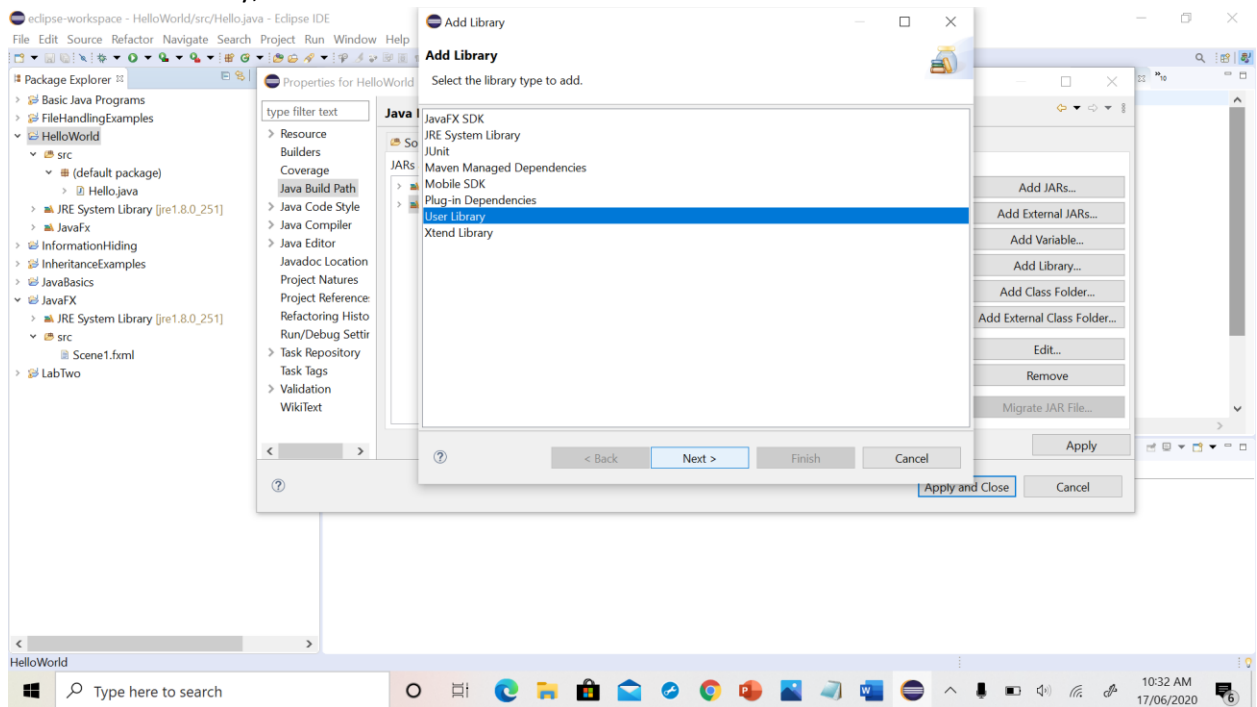
6. Select workspace default JDK 8/JRE 8, click finish.



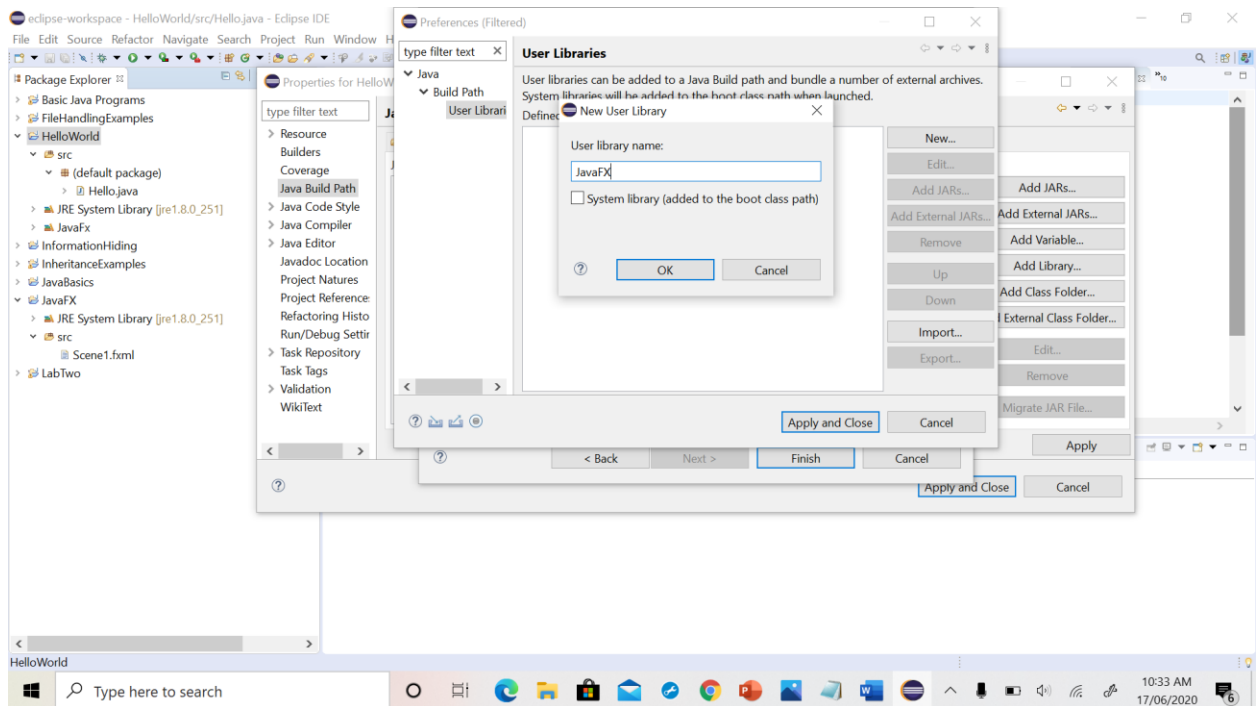
## 7. Click on add Library.



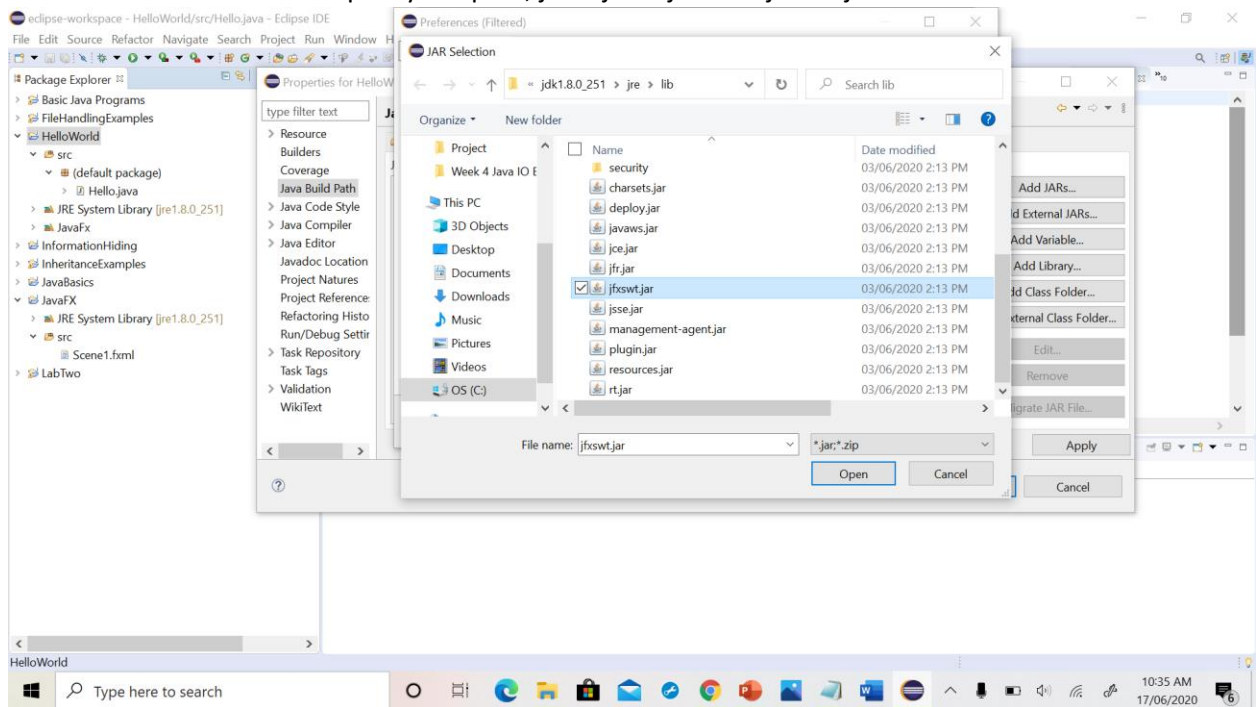
8. Click on User library, click next.



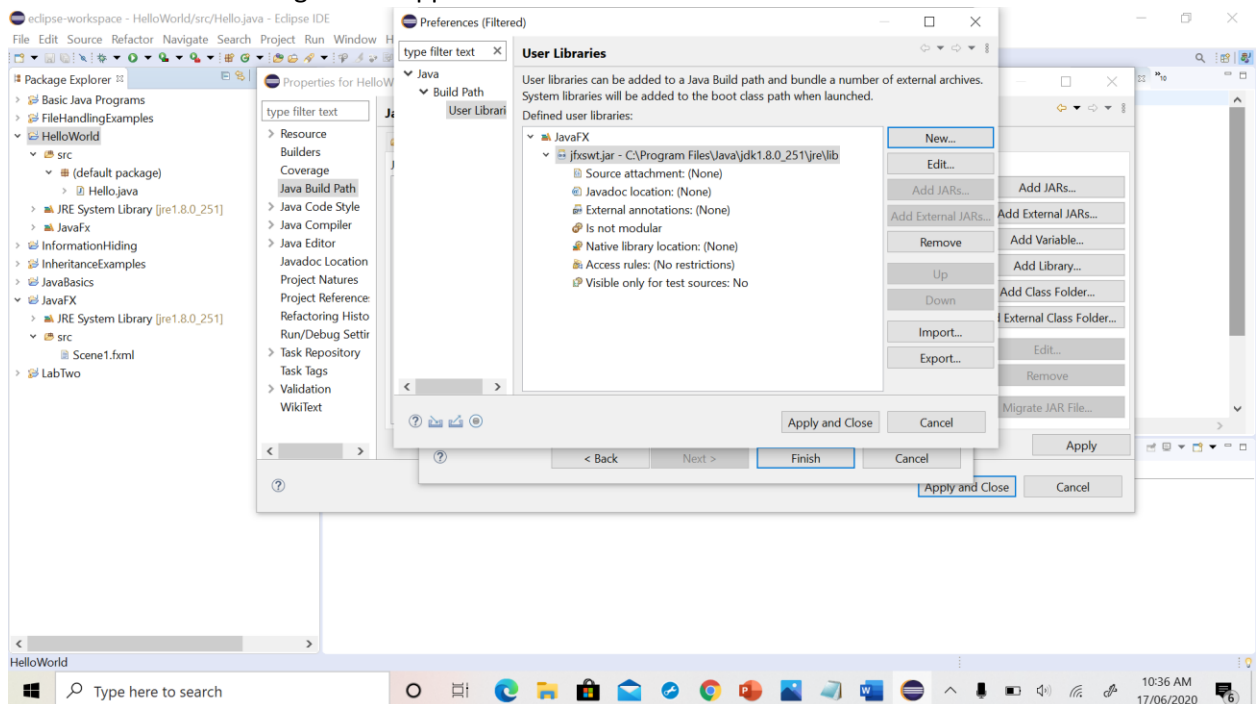
9. Click on new and name the file as JavaFX.



10. Click on Add External JARs. Specify the path, java>jdk8>jre>file>jfxswt.jar



11. Finish the task. Following Screen appears.



12. Paste the following Sample JavaFX code in Hello class

```
import javafx.application.Application;
import javafx.event.ActionEvent;
import javafx.event.EventHandler;
import javafx.scene.Scene;
import javafx.scene.control.Button;
import javafx.scene.layout.StackPane;
import javafx.stage.Stage;

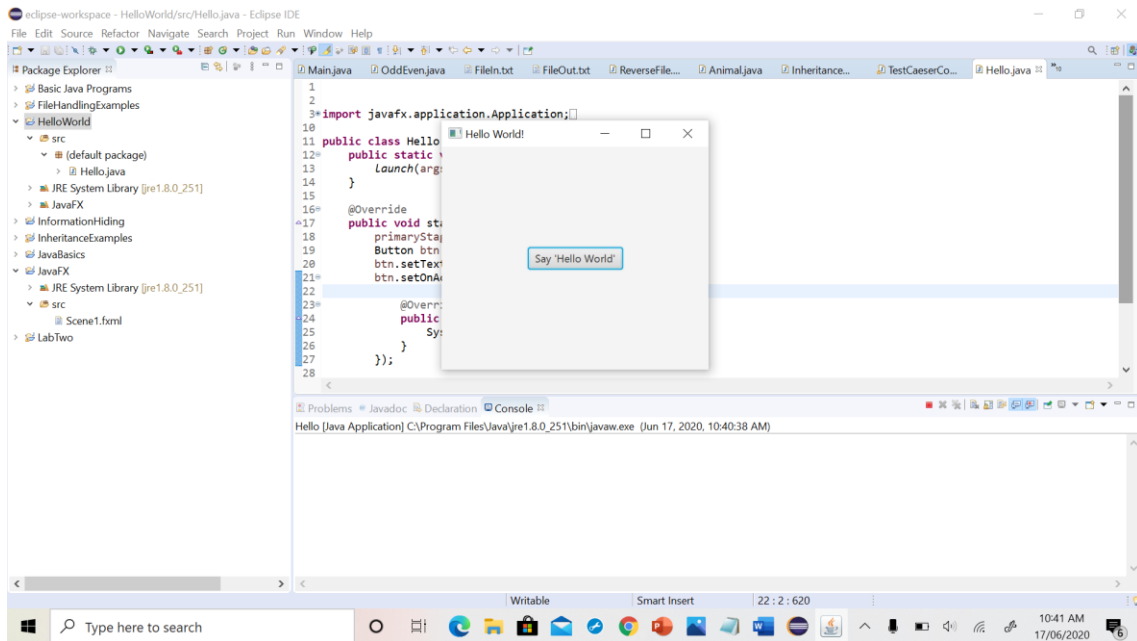
public class Hello extends Application {
    public static void main(String[] args) {
        launch(args);
    }

    @Override
    public void start(Stage primaryStage) {
        primaryStage.setTitle("Hello World!");
        Button btn = new Button();
        btn.setText("Say 'Hello World'");
        btn.setOnAction(new EventHandler<ActionEvent>() {

            @Override
            public void handle(ActionEvent event) {
                System.out.println("Hello World!");
            }
        });

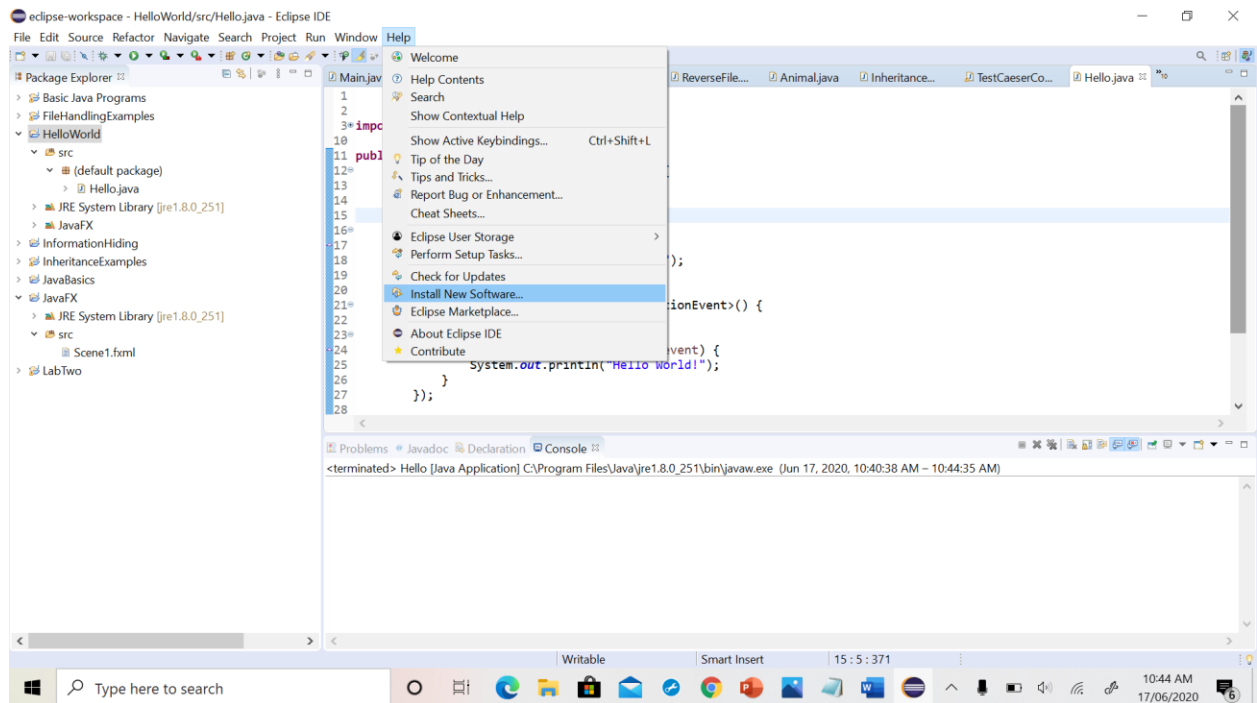
        StackPane root = new StackPane();
        root.getChildren().add(btn);
        primaryStage.setScene(new Scene(root, 300, 250));
        primaryStage.show();
    }
}
```

13. If installed properly following screen will appear.



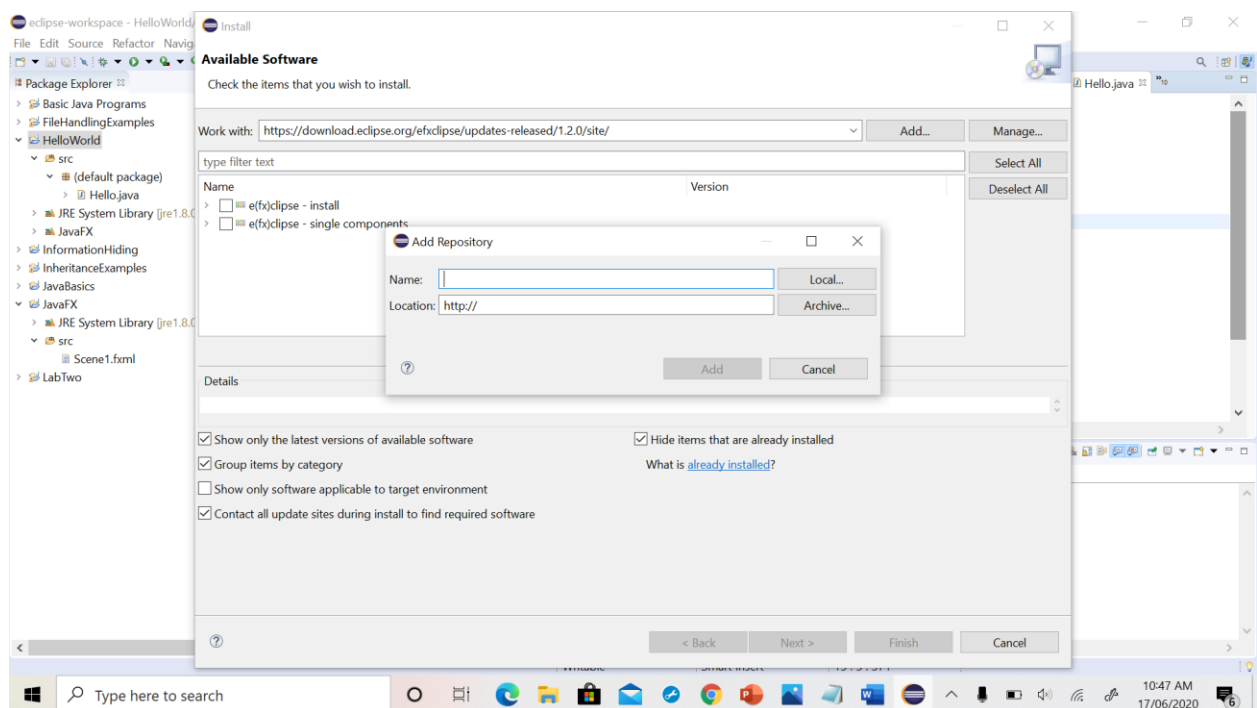
## Install the Eclipse JavaFX plugin

1. In Eclipse, Go to Help, and click on Install New Software.



2. In the drop-down menu (next to "Work with:"), choose the release site In Eclipse Mars, this is "Mars - <http://download.eclipse.org/releases/mars>"

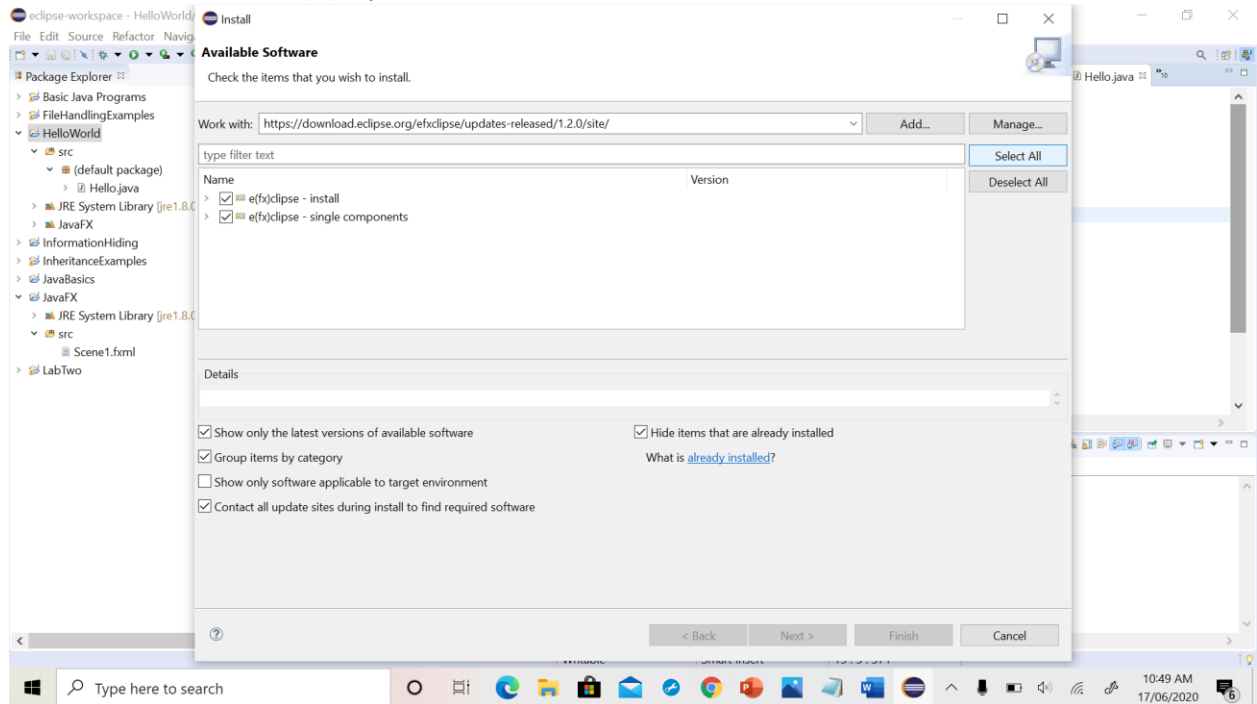
<https://download.eclipse.org/efxclipse/updates-released/1.2.0/site/>



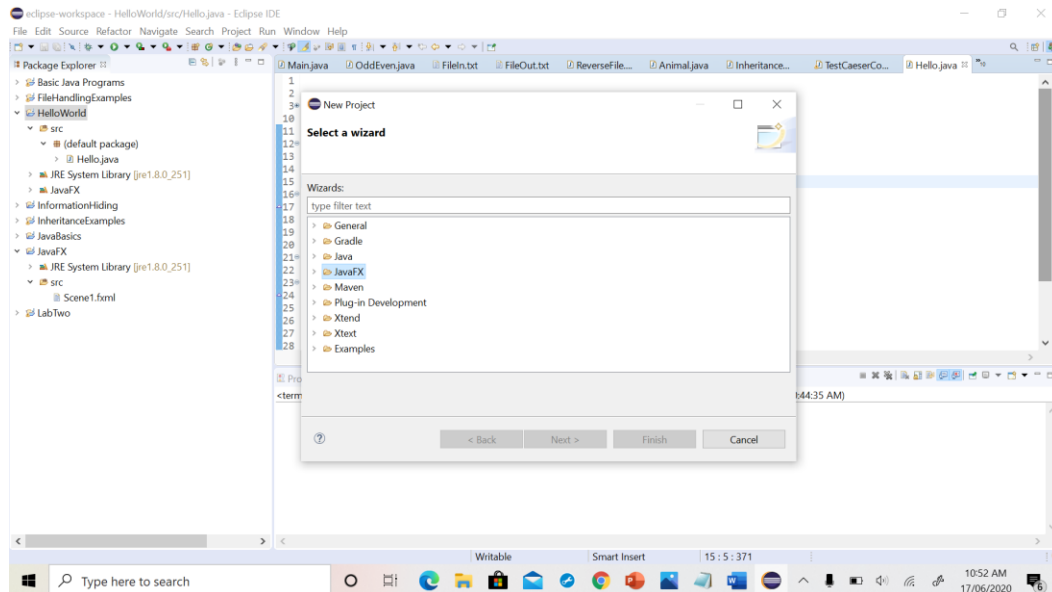
3. Click on add and add the name as e(fx)clipse.



4. Filter the list by typing "fx" in the text box below.
5. Click the checkbox for "e(fx)clipse - IDE". Select all.

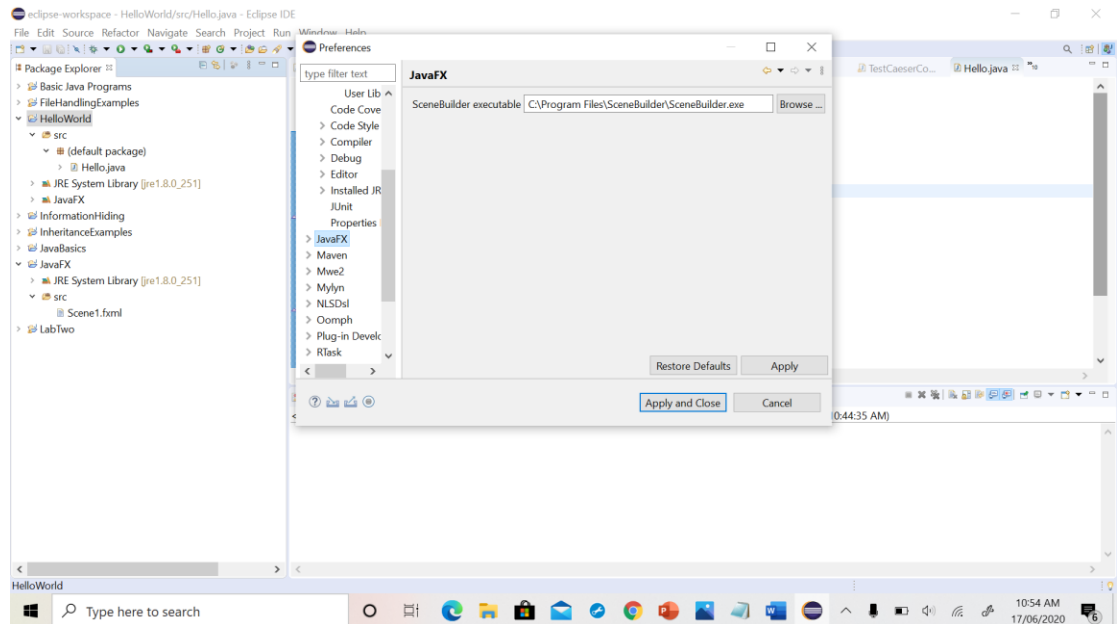


6. Click Next through the installation.
7. Restart Eclipse
8. Following will appear.



## SCENEBuilder

1. If Scenebuilder is not installed: Please install SceneBuilder: Download the installer:  
<http://www.oracle.com/technetwork/java/javafxscenebuilder-1x-archive-2199384.html>
2. Download and install SceneBuilder 2.0.
3. Go to Windows tab and click on preferences.



To test out your installation of JavaFX and SceneBuilder, do a "Hello, World" exercise:

1. Create a new JavaFX Project: File - New - Other - JavaFX Project
2. Run this as a Java application

Completing this test generates the basic code for "hello, world", and running it displays a small white window.

If this basic example program does not work for you, ensure you have followed the necessary steps for installation.