Virtual Robot JDK Options

It is easiest to set up Virtual Robot with JDK8, because JDK includes JavaFX, so there is no need to add the JavaFX library.

But, if you want to use JDK11, here is how.

1. Get JDK11:

Navigate to http://jdk.java.net/
Select Reference Implementation Java SE 11.
Download the Windows/x64 Java Development Kit (it's a zip file)
Extract this zip file (I extract into [C:\Program](C:\Program) Files\Java)

Within the folder to which you extracted, you should see a new folder: jdk-11

2. Get JavaFX 11

Navigate to http://gluonhq.com/products/javafx

Download the JavaFX Windows SDK (it's a zip file)
Extract the zip file (I extract into C:\Users\JimLori\IdeaProjects)

Within the folder to which you extracted, you should see a new folder: javafx-sdk-11.0.2

3. Configure virtual_robot to use JDK 11 and JavaFX 11.

Open the virtual_robot project in IntelliJ.

Set the JDK to jdk-11:

File->Project Structure, then select the "Project" tab.
Under "Project SDK", select "New…", "JDK", then select your jdk-11 folder.
Click "Apply", then "Ok"

Add the JavaFX Library:

File→ Project Structure, then select the "Libraries" tab.
The middle column shows your libraries (Jamepad and org.reflections:reflections.0.9.11)
Above these library names, click "+", and select "Java"
The "Select Library Files" dialog opens: select your **javafx-sdk-11.0.2\lib** folder, and click "OK"
A "Choose Modules" dialog opens: choose "Controller" and click "OK"
Click "Apply", then "OK"

Configure VM options to use JavaFX classes:

Run→Edit Configurations, and find the "VM options" text box. Into this text box, type:

--module-path "C:\Users\JimLori\IdeaProjects\javafx-sdk-11.0.2\lib" --add-modules javafx.controls,javafx.fxml

Note: This will all be on one line, and there should be no spaces between javafx.controls and javafx.fxml, only a comma.

(of course, you'll want to use your javafx-sdk-11.0.2\lib path, not mine)

Click "Apply", then "OK"

The project should now run as expected.