

Steps for running the program in linux.

Javafx is inbuilt in java 8, but to run the javafx program in the machine which has a version greater than java 8 we need to install the javafx dependencies.

Steps to install dependencies.

1. Install javafx SDK for linux from <https://gluonhq.com/products/javafx/>

Downloads

JavaFX version	Operating System	Architecture	Type
18.0.1	[any]	[any]	[any]

☐ Include older versions

OS	Version	Architecture	Type	Download
Linux	18.0.1	aarch64	SDK	Download [SHA256]
Linux	18.0.1	aarch64	jmods	Download [SHA256]
Linux	18.0.1	arm32	SDK	Download [SHA256]
Linux	18.0.1	x64	SDK	Download [SHA256]
Linux	18.0.1	x64	jmods	Download [SHA256]

2. Unzip the file using the command

Unzip openjfx-18.0.1_linux-aarch64_bin-sdk.zip

```
sp493@rc12xcs213: ~/Downloads
sp493@rc12xcs213:~/Downloads$ ls
3.csv MIS mis-input.csv openjfx-18.0.1_linux-aarch64_bin-sdk.zip source
sp493@rc12xcs213:~/Downloads$
```

```
sp493@rc12xcs213:~/Downloads$ unzip openjfx-18.0.1_linux-aarch64_bin-sdk.zip
Archive: openjfx-18.0.1_linux-aarch64_bin-sdk.zip
  creating: javafx-sdk-18.0.1/
 extracting: javafx-sdk-18.0.1/src.zip
   creating: javafx-sdk-18.0.1/legal/
   creating: javafx-sdk-18.0.1/legal/javafx.swing/
 inflating: javafx-sdk-18.0.1/legal/javafx.swing/LICENSE
 inflating: javafx-sdk-18.0.1/legal/javafx.swing/ADDITIONAL_LICENSE_INFO
 inflating: javafx-sdk-18.0.1/legal/javafx.swing/ASSEMBLY_EXCEPTION
   creating: javafx-sdk-18.0.1/legal/javafx.media/
 inflating: javafx-sdk-18.0.1/legal/javafx.media/libffi.md
 inflating: javafx-sdk-18.0.1/legal/javafx.media/LICENSE
```

PART 1

Commands to run java program

1. Compile the program

```
javac -d . source/*.java
```

2. Run the Program

```
java Main1
```

PART 2

Commands to run javafx program for Graphs for 4 t-values

1.

```
javac --module-path /usr/local/home/sp493/Downloads/javafx-sdk-18.0.1/lib  
--add-modules javafx.controls,javafx.fxml -d . source/*.java
```
2.

```
java --module-path /usr/local/home/sp493/Downloads/javafx-sdk-18.0.1/lib  
--add-modules javafx.controls,javafx.fxml Main
```