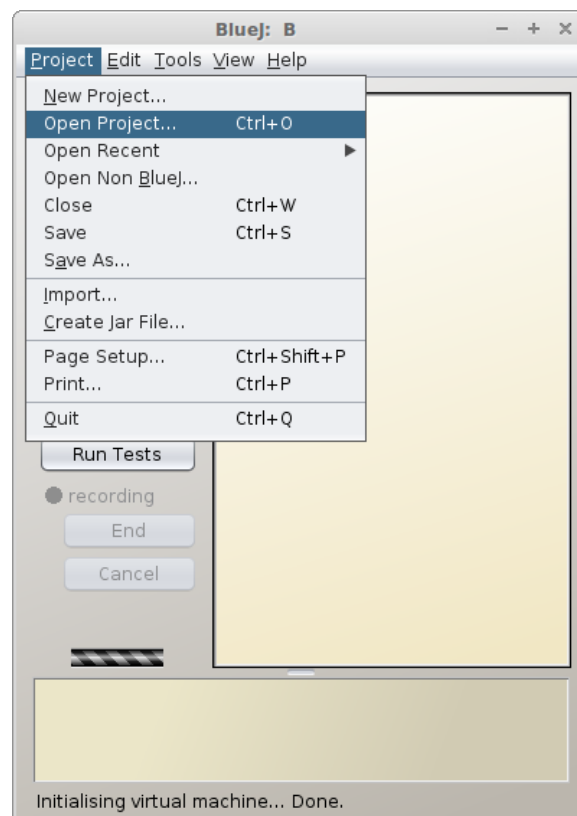


Installing and Setting Up Karel J Robot in BlueJ

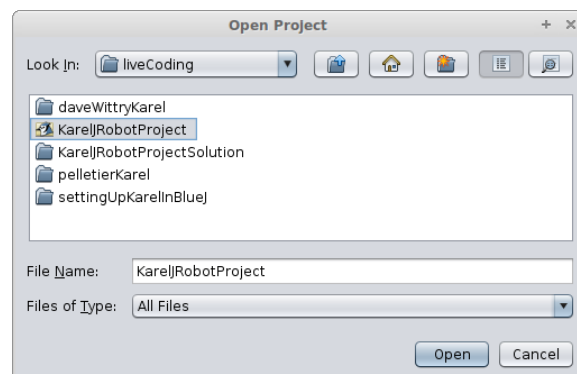
Instructor: Mr. Alwin Tareen

The following is a step-by-step tutorial for downloading and installing the Karel J Robot software that we will use in this class for developing Karel programs.

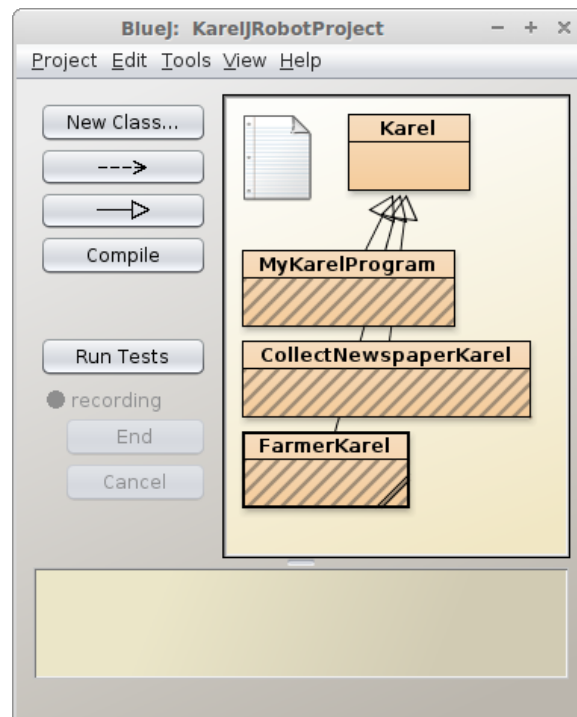
1. Point your browser to the class website and download the following file:
`KarelJRobotProject.zip`
2. Unzip the file, and this will result in the following directory being created:
`KarelJRobotProject`
3. Open up the BlueJ application. Go to the **Project** menu, and select **Open Project**.



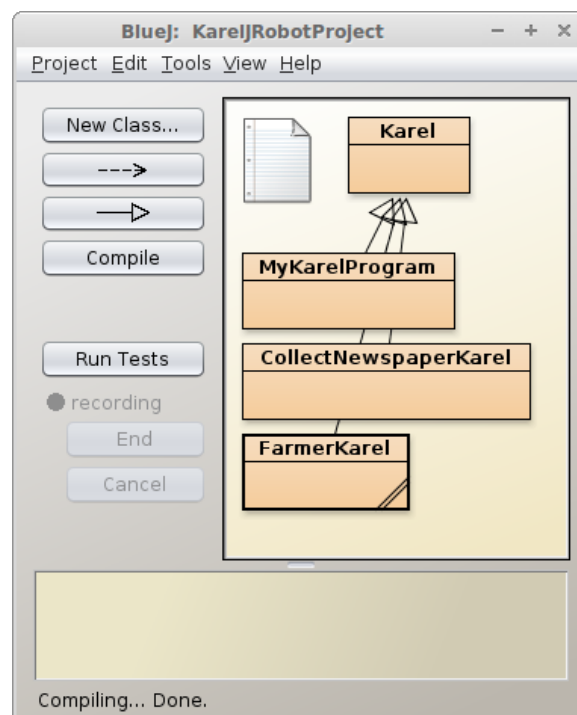
4. You will see the **Open Project** dialog box. Select the folder `KarelJRobotProject` and click on **Open**.



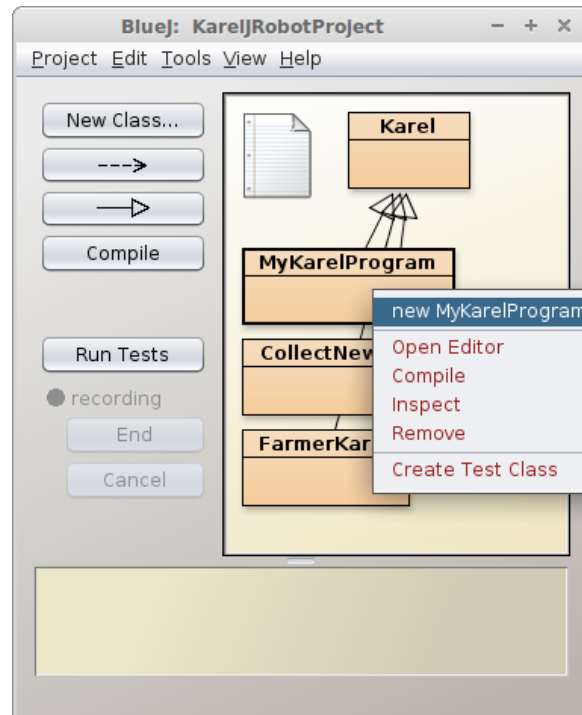
5. You should see the following BlueJ window:



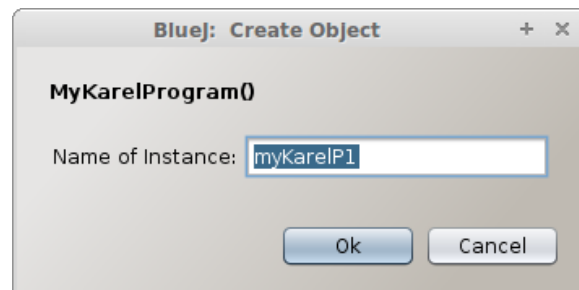
6. Press the Compile button, and you should see all of the diagonal lines disappear:



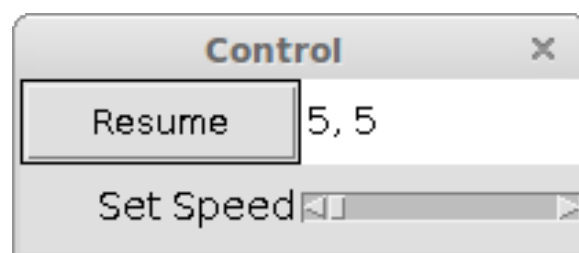
7. Let's run one of these programs. Right-click on the **MyKarelProgram** box, and you should see the following menu appear. Select the first option, **new MyKarelProgram()**.



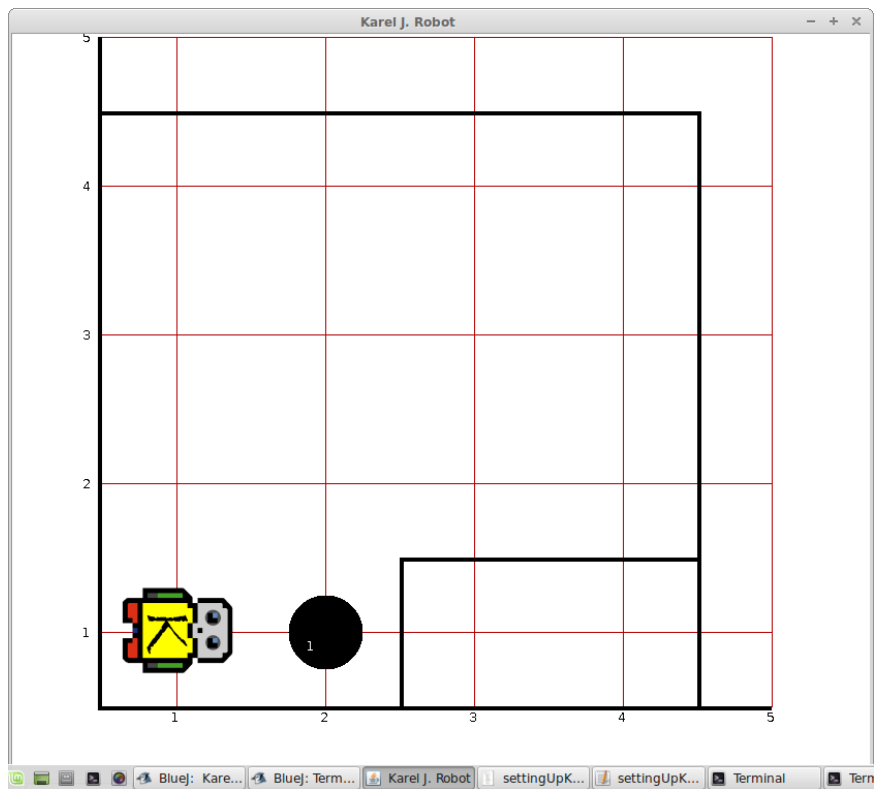
8. The following dialog box should pop up. Click **Ok**.



9. Once you have done this, the Karel J Robot environment screen should pop up. You should also see a smaller dialog box, titled **Control**. This box has a button marked, **Resume**. Click on this button, and if you have set up the program properly, you should see Karel move around the screen!



10. This is the starting configuration:



11. This is the ending configuration:

