

1. Open Eclipse IDE.
2. On the left navigation bar under the project file click on MainFrameNew.java.
3. Then right click on the main window and click on Run As -> Run configuration.
4. A window will pop up where you have to select the environment.
5. After selection the option environment, click on NEW to proceed.
6. After clicking on new, new environment variable will be created.
 - 6.1. Enter the name of the environment variable as you want.
 - 6.2. For creating path –
 - i. Create a folder 'temp' inside drive C.
 - ii. Copy the opencv folder inside the temp folder created.
 - iii. Copy x64's path inside the opencv folder.
- 6.3 Paste this path in the pop up window
7. Click on the apply button and press RUN.
8. On the left navigation bar under the project file click on MainFrameNew.java.
9. Then right click on the main window and click on Run As -> Java Application.
10. For Training the hand gestures or creating a dataset, you have to follow the steps below:
 - Make a hand gesture in front of the camera and in the green area provided.
 - And click on the training button.
 - After clicking the button, the gesture is captured and stored in the dataset.
11. For Recognizing the hand gestures, you have to follow the steps below:
 - Make a hand gesture in front of the camera and in the green area provided.
 - And Click on the recogn button.
 - After Clicking the button ,the recognized gesture will appear on the right side of the GUI window.
12. For closing the process ,click on the cross button provided on the top right of the window.

NOTE: 1. Make a Temp Folder in C:\ drive then paste the folder present inside Temp.

2. after step 9 a dialogue box will appear , in which you have to enter the name(you like) as it will create a folder in temp, which will store all the step 10 – Hand Gestures.