## **Overview**

This program allows the user to input an image and apply a convolution kernel to apply an effect on the image.

## **Prerequisites**

* Java 8 or higher

## **Running the Program**

1. Download and compile the repository
2. Compile and run the **Menu.java** file
3. Users must navigate using a switch case
4. Select an image using the file chooser or choose the default. Press ‘Y’ to confirm your choice.
5. Choose a kernel from the switch case
6. Use the ‘Save Image’ case to select the name for the filtered image.

## **Supported Kernels**

The following kernels are currently supported:

1. Identity
2. Edge Detection 1
3. Edge Detection 2
4. Laplacian
5. Sharpen
6. Sobel Horizontal
7. Sobel Vertical

## **Author**

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