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Canny Edge Detection

Running Instructions

Required Tools
1. Python 3.7 - https://conda.io/miniconda.html

Required Libraries to Install

 conda install scipy matplotlib numpy

Running arguments

There are 3 arguments that python file takes:
```
   --image : Path of the image file
   --sigma : standard deviation of sigma
   --minthreshold : Minimum Threshold for Double Thresholding
   --maxthreshold : Maximum Threshold for Double Thresholding

Note: You can also use python CannyEdgeDetection.py —h
      for help with arguments.

And the default values for these arguments are:
image: im01.jpg
Sigma: 1.4
minthreshold: 100
maxthreshold: 200

You can simply run by writing:
```

python CannyEdgeDetection.py --image im02.jpg --sigma 1.4 --minthreshold 100 --maxthreshold 200

```
   Or
```

python CannyEdgeDetection.py

```
   For using it with default values.
```