

SE-355 Computer Vision - Assignment 2

2. Edge Detection

Spring 2022

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| Assigned | Tuesday, May 17, 2022 |
| Due | Sunday, May 22, 2022 before 11:00 pm |

Total Marks: 50

In this assignment, we will implement Canny Edge Detector.

Note:

- Add your code in canny.py
- You cannot use any built-in functions
- Do not use any global variables
- Add meaningful comments
- Use meaningful variable names

Submission Guideline:

Submit your Python code file along with f_x , f_y , $\sqrt{f_x^2 + f_y^2}$, NMS, and hysteresis thresholding outputs as a zip file named as YourRollNumber_A2.zip