CSc 8830: Computer Vision

Homework Assignment 1
Dawit Abay
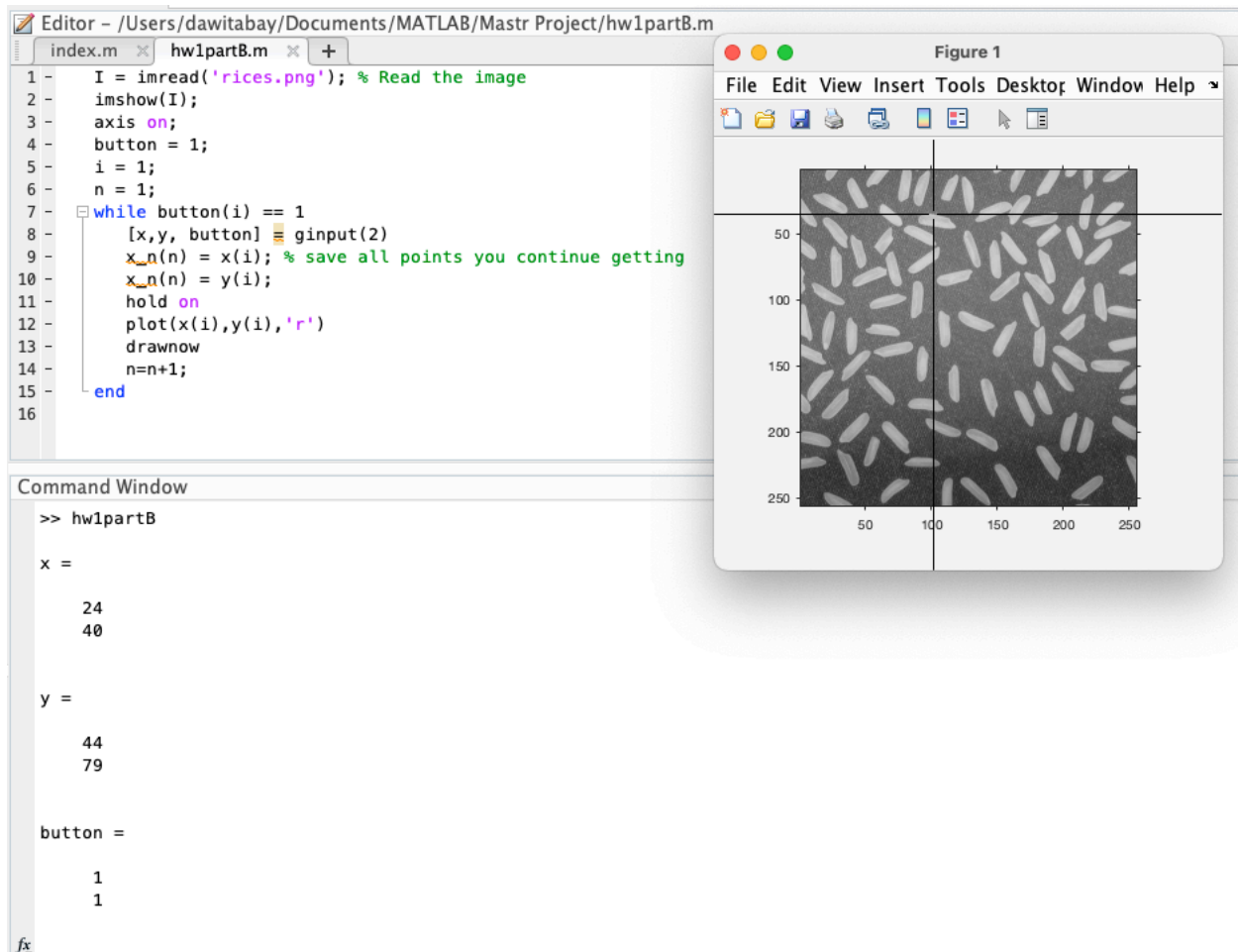GitHub: https://github.com/DawitAbay/CSc-8830-Computer-Vision/tree/main/Hw1

Part A)
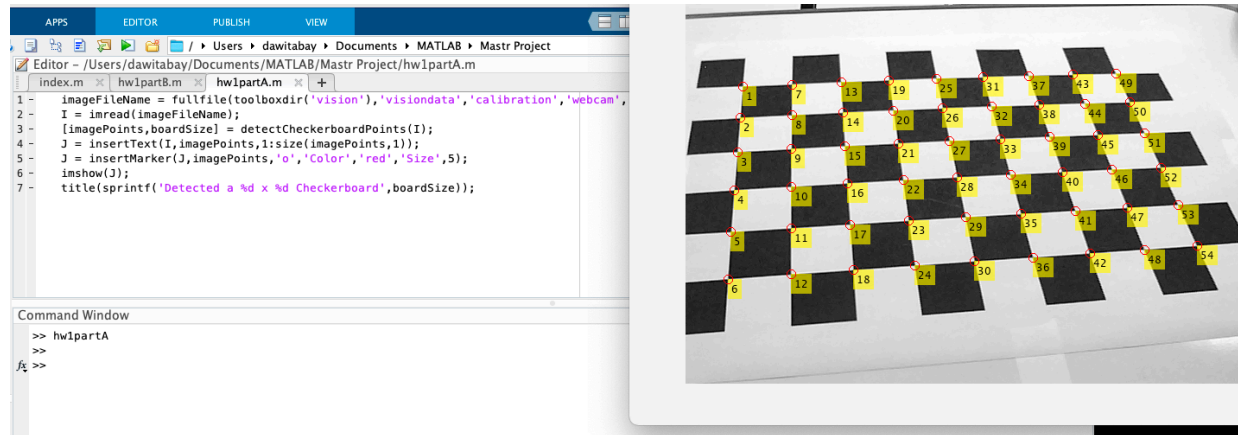
Part B)

Part C)
THE_480_P/THE_400_P resolutions, defaulting to THE_480_P


```python
1   from depthai_sdk import Previews
2   from depthai_sdk.managers import PipelineManager, PreviewManager
3   import depthai as dai
4   import cv2
5
6   pm = PipelineManager()
7   pm.createColorCam(xout=True)
8   pm.createLeftCam(xout=True)
9   pm.createRightCam(xout=True)
10
11  with dai.Device(pm.pipeline) as device:
12      pv = PreviewManager(
13          display=[Previews.color.name, Previews.left.name, Previews.right.name])
14      pv.createQueues(device)
15
16      while True:
17          pv.prepareFrames()
18          pv.showFrames()
19
20          if cv2.waitKey(1) == ord('q'):
21              break
22
```