

Read Me File

Object Size Measurement using Opencv :

The project provides a script to read an image and based on the dimensions of a reference object find the dimensions of other objects in a scene. The reference object must be the leftmost object in the scene. In sample images given, a box of dimension 2cm x 2cm is taken as a reference object.

Prerequisites :

Python 3.10

Opencv-python 4.9.0.80

Numpy 1.26.4

Scipy 1.13.0

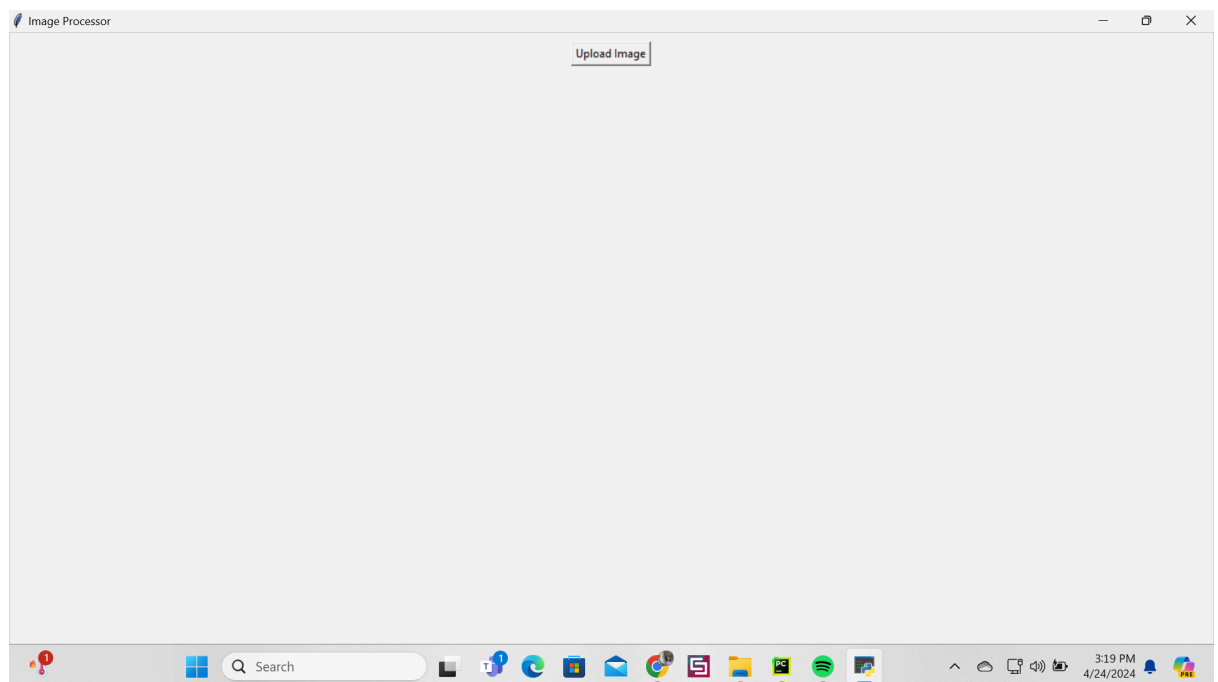
Imutils 0.5.4

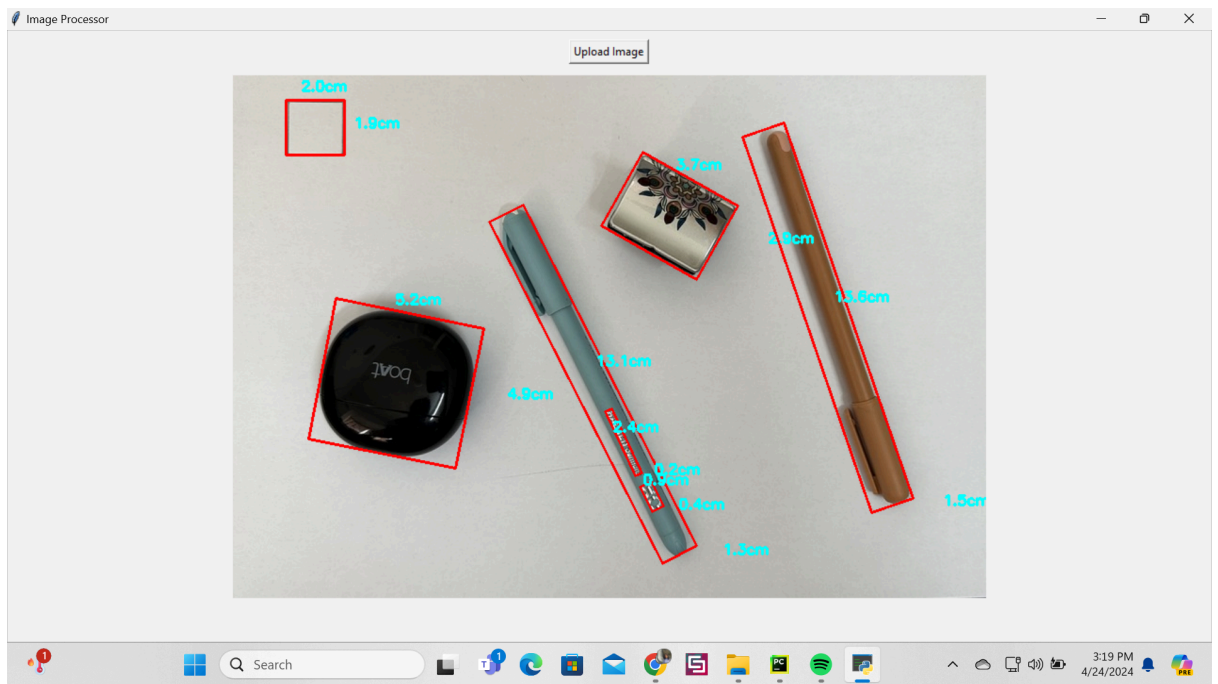
Future 1.0.0

Pillow 10.3.0

How to Execute :

1. Open the Folder “objectsize_code”.
2. Run the file “gui_obj.py”
3. Then a GUI gets opened, maximise the GUI screen.
4. Upload the required image by clicking the “upload” option.
5. Then see the results displayed on the screen.





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