

Instructions and requirments

python version

software is build and tested on python 3.10.0 64-bit

Libraries

- pyqt5 (GUI library)
- numpy
- cv2 (opencv-python)
- sys (built-in)
- os (built- in)
- Separate file for GUI (gui.py) which need to be imported along with form module.
 - from gui import Ui_Form

Installation

- pip install pyqt5
- pip install numpy
- pip install opencv-python

GUI Instructions

MainWindow

LEFT 0

RIGHT 0

UP 0

DOWN 0

Center_x 0

Center_Y 0

Radius 0

Open Folder

Previous

Next

0 0 0

0 0 0

0 0 0

The total is:

0 0

Steps

- Click "open folder".
 - select the folder which contain all the images.
 - after selecting folder first image will be shown as output.
- "Previous" button moves to the previous image in the folder
- "Next" button moves to the next image.
- "Total is:" shows the total number of bectearias which are counted in image.