CONCLUSION:

Multi-inheritance is basically used in this project.

class UI(QMainWindow,Conv,Segment,Edge,FileOp)

Some errors were encountered when UI base class was imported and Conv, Segment, Edge, FileOp classes were taken as child classes. Therefore, multi-inheritance is used. In addition to yesterday's presentation, undo/redo was worked on and circular stack was used.

Driver code:

```python
from PyQt5.QtWidgets import QApplication
import sys
from UI import UI

if __name__ =='__main__':
    app=QApplication(sys.argv)
    UIWindow=UI()
    app.exec_()
```

Multi-inheritance

```python
from PyQt5.QtWidgets import QMainWindow, QPushButton, QLabel
from PyQt5 import uic
from Conversion import Conv
from Segmentation import Segment
from EdgeDetect import Edge
from FileOperations import FileOp
class UI(QMainWindow,Conv,Segment,Edge,FileOp):
```

Interface: