

## Code Requirements:

- Python 2.7 or later
- python install package (Pip install pip)
- numpy (pip install numpy)
- csv (pip install python-csv)
- Pandas (pip install pandas)
- OpenCV (pip install opencv-python)
- face\_recognition (using pip install face-recognition)
- os module

## Steps to follow

- Download my project zip file and extract it.
- Mention the date in the csv file on which date you want to take the attendance.
- Run the semproj6.py file in terminal (python3 semproj6.py)

## Project structure:

- Project contains 2 python files: semproj6.py and csvMainipulator.py.
- We do detection, recognition and registration in semproj6.py file.
- Whereas, using csvMainipulator.py file we mark the attendance.
- If we want to register a new student, we simply just need to put the image of that student in the directory.