Working on Assignments

Video Link: https://youtu.be/Uz1Ul-VELaA

How to submit assignments

1. Clone Assignment

2. Pull assignment to local computer from Github

3. Code

4. Push assignment from local computer to Github

5. Check output on Jenkins

1. Clone assignment

1. Check teams, a Github classroom link is provided in the assignment description. Click the link

2. Choose your name

3. Check if repository is imported to your Github accont

2. Pull assignment to local computer from Github

1. Install Github desktop
   - https://desktop.github.com/
2. Sign into Github
3. Clone Repository
4. Verify folder

3. Code

1. Open Project using pycharm
2. Running the code locally

4. Push assignment from local computer to Github

1. Commit changes
2. Push code from Pycharm

Pull –> Edit –> Commit –> Push

- In general push your code everytime you are done working
- You can follow the same procedure every time you want to continue work.
- Remember to pull your code before you start working, even though you already have the code in you directory. This will merge any changes at Github with your code. It will not over write your code.
- In-general use pull every time you start working and push code everytime you are done working

5. Check output on Jenkins

Continuous Integration (Jenkins)

All the code pushed to github will be tested by a continuous integration engine (Jenkins)

Note:
1. This only to check whether the code is executing or failing.
2. This will allow you to look at the output created by your code, and this be the same output the TAs will see when grading.
3. If the code executes with out failure, it implies that there are not syntax errors. It does not imply that the assignment is correct.
4. The TAs review the code to verify the accuracy of the solution.

Avoid Failures!

Do not use any 3rd party libraries or functions
Do not display images in your final submission.
Example, cv2.imshow(), cv2.waitkey(), cv2.NamedWindow will make Jenkins fail.