I have uploaded a folder with 200 images. Please conduct tracking for those images. You should display the tracking result as a video, which shows the cross frame tracking effect, e.g. feature tracking trajectory of the past frames or matching effect of the adjacent frames.

You will need to submit the following files in a zip file

1. the original code

2. the video demonstrating your tracking result of the 200 frames

3. a readme file explaining how you conduct tracking, e.g. the features you use and the algorithm to match features.

The grade will depend on the following perspectives:

1. The matching accuracy (the amount of the features got correctly tracked, and the percentage) (30%)

2. The tracking efficiency (how fast you can track and whether there is an obvious latency) (30%)

3. Whether you attempted to use some advanced algorithm (or some method you propose) instead of just linear nearest neighbor search (30%)

4. The documentation, includes both the comments of your code and the readme file (10%)

You have three weeks to work on this homework. The deadline is 7th of October, 11:59 pm. No language limitation. But for those who use C/C++ can get additional 5% credit.

For HW 1, please submit zip folder containing 1) code, 2)demo video, and 3) readme file