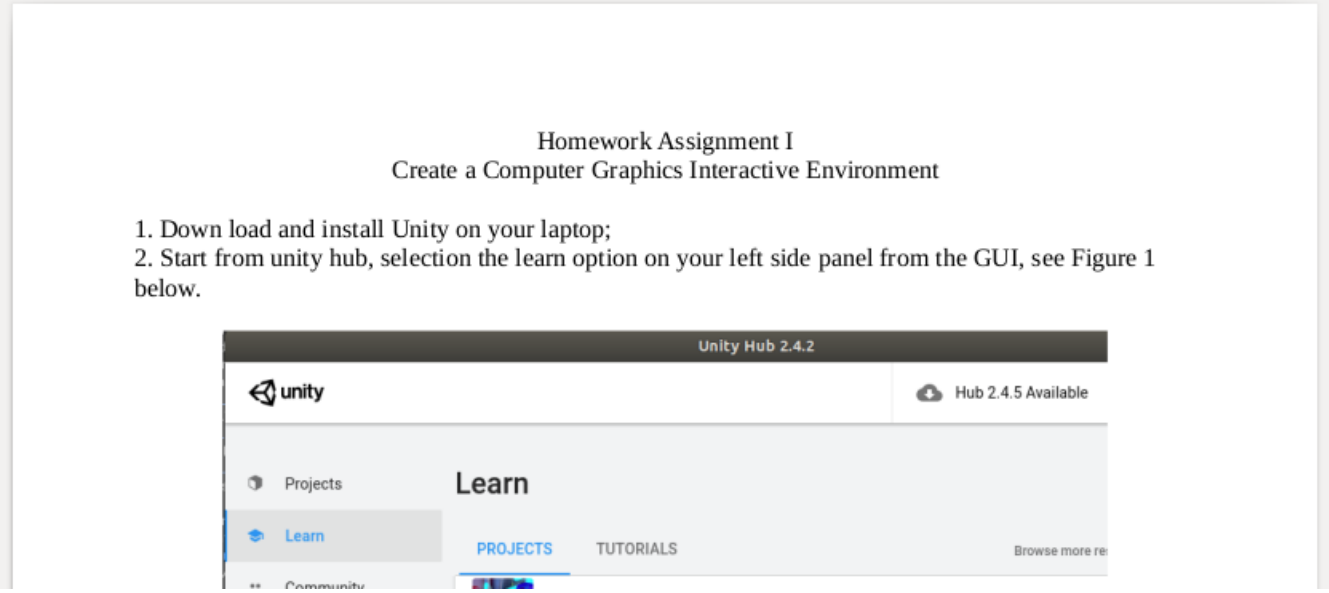
Review on Homework Assignment
Computer Graphics and Augmented Reality
CMPE 163

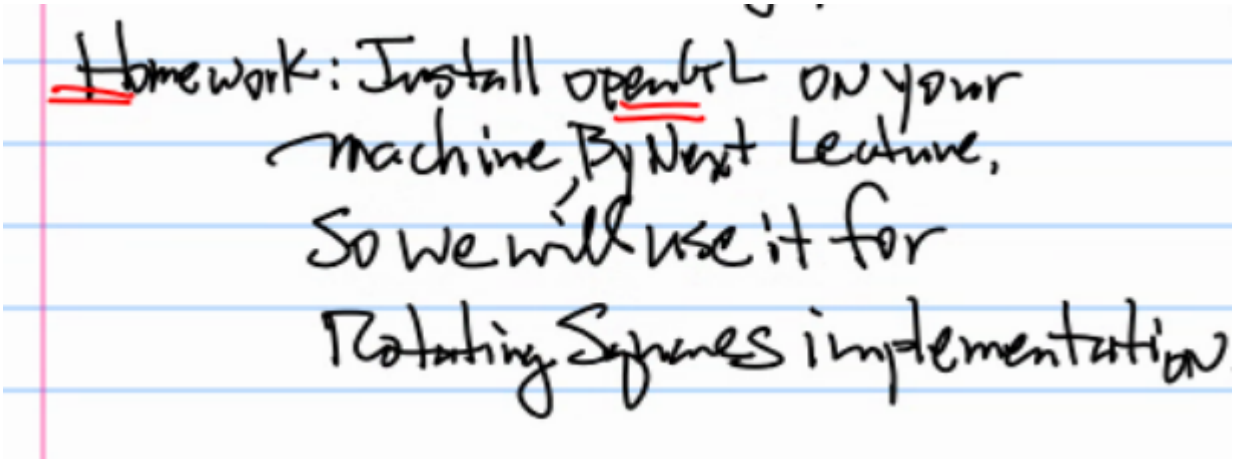
1. Homework 1. 2021F-4-homework1-unity-2021-9-2.pdf (posted on github).



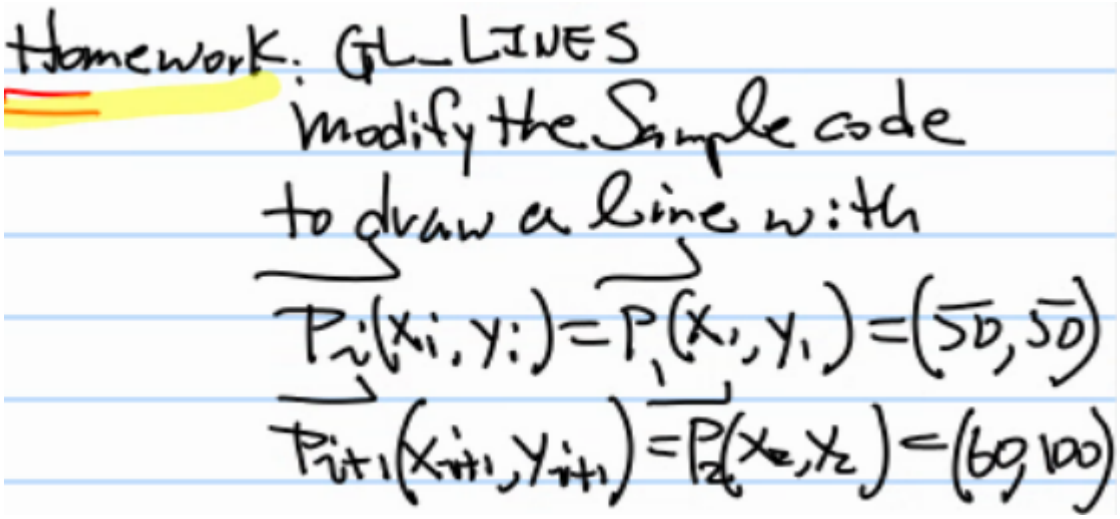
Homework Assignment I
Create a Computer Graphics Interactive Environment

1. Down load and install Unity on your laptop;
2. Start from unity hub, selection the learn option on your left side panel from the GUI, see Figure 1 below.

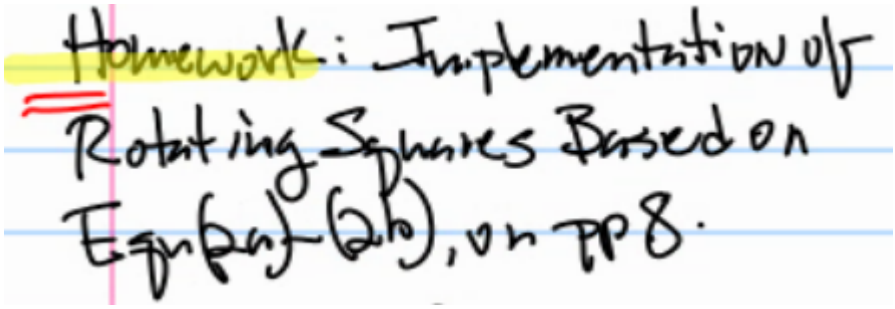
2.a Homework (no submission needed) Installation of OpenGL. assigned date and/or due date: Auguster, 26, 2021, pp. 6, lecture notes.



2b. Homework (no submission needed) Installation of OpenGL. assigned date and/or due date: Auguster, 26, 2021, pp. 6, lecture notes.



3. Homework (submission required). Rotating squares, assigned date and/or due date: Sept 9, 2021, pp. 9, lecture notes, 2021F-2-lecture-note-2021-10-14.pdf (the time stamp on this lecture note will be updated for each new lecture, so look for the document ID: 2021F-2-lecture-note …)



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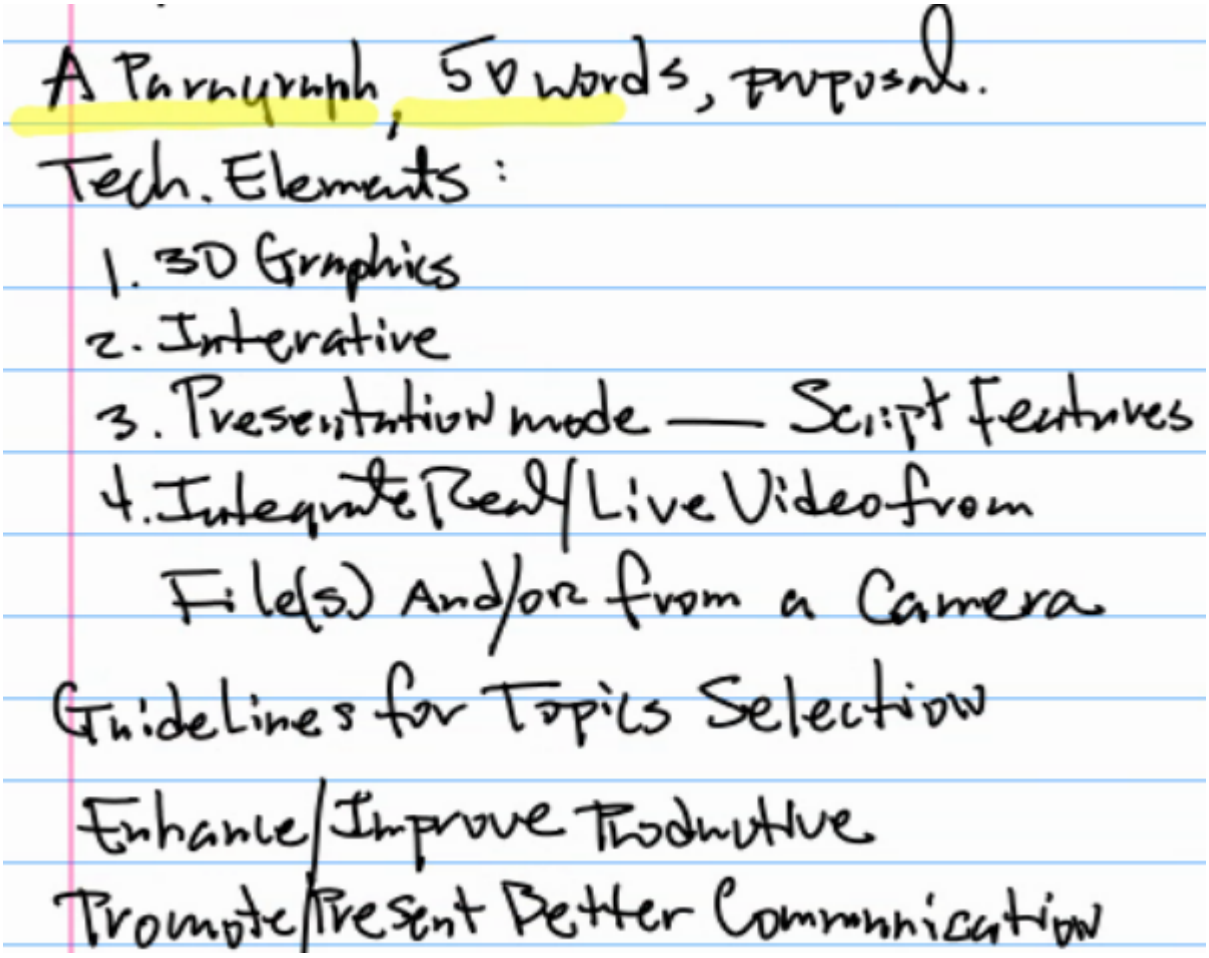
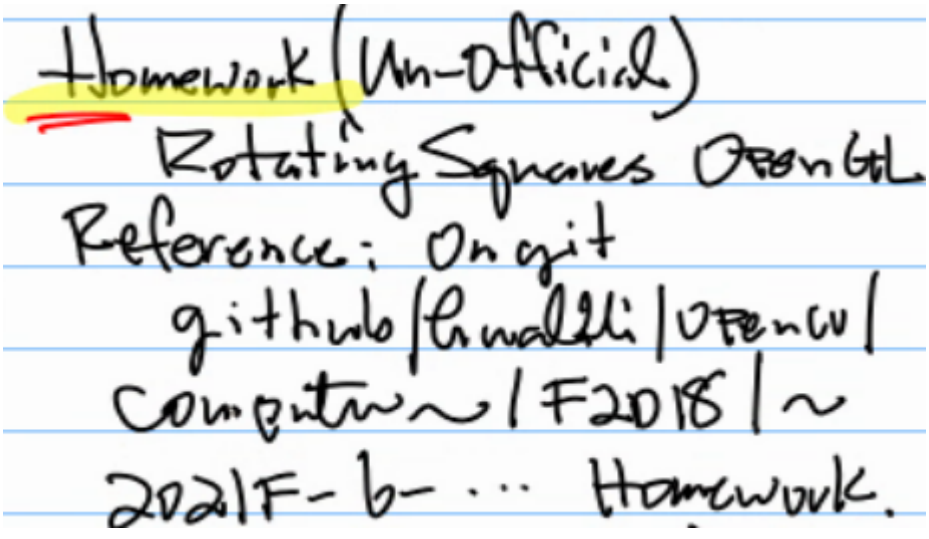
4. Semester long project proposal (50 words, submission is open till 3D graphics is covered in lecture, e.g., can be submitted before Thanksgiving), Team 1 to Team 3, assigned date and/or due date: Sept 9, 2021, pp. 13, see lecture notes.

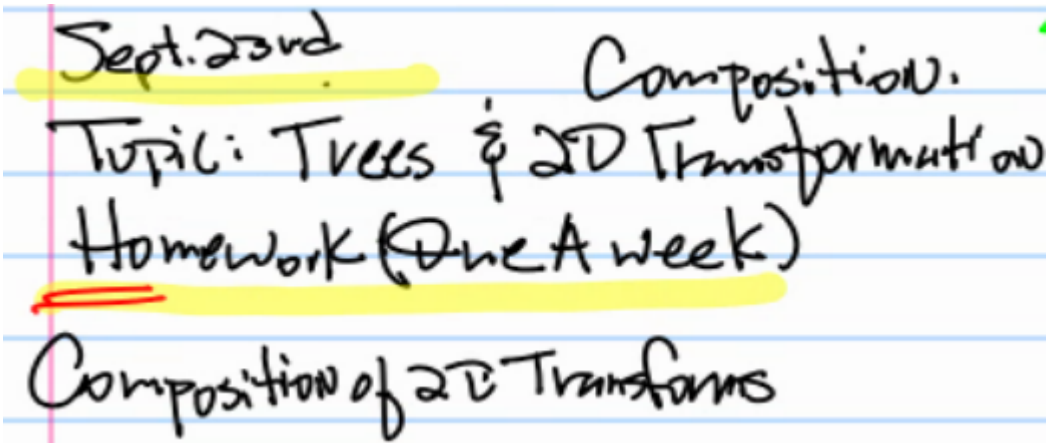


5. Homework (submission required). Rotating squares, assigned date and/or due date: Sept 16, 2021, pp. 13, lecture notes, 2021F-2-lecture-note-2021-10-14.pdf (the time stamp on this lecture note will be updated for each new lecture, so look for the document ID: 2021F-2-lecture-note …)

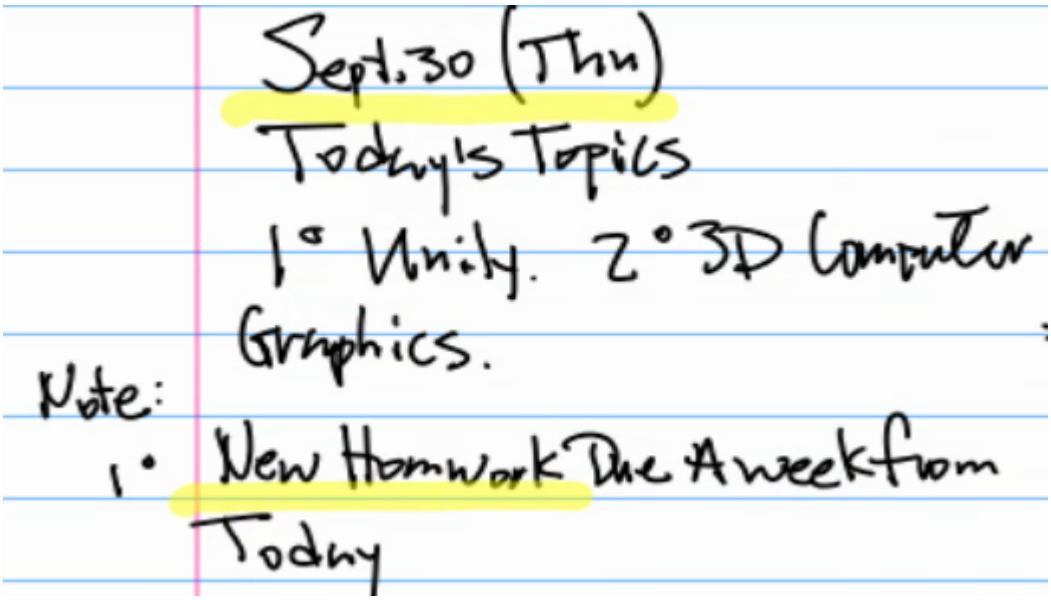
Note: this assignment carries 2 points, this assignment is the continuation of assignment 3 on Sept 9, it is given again after class demo found some students implementation has some issues. You can submit rotating squares again here if there was some issues in your previous implementation.



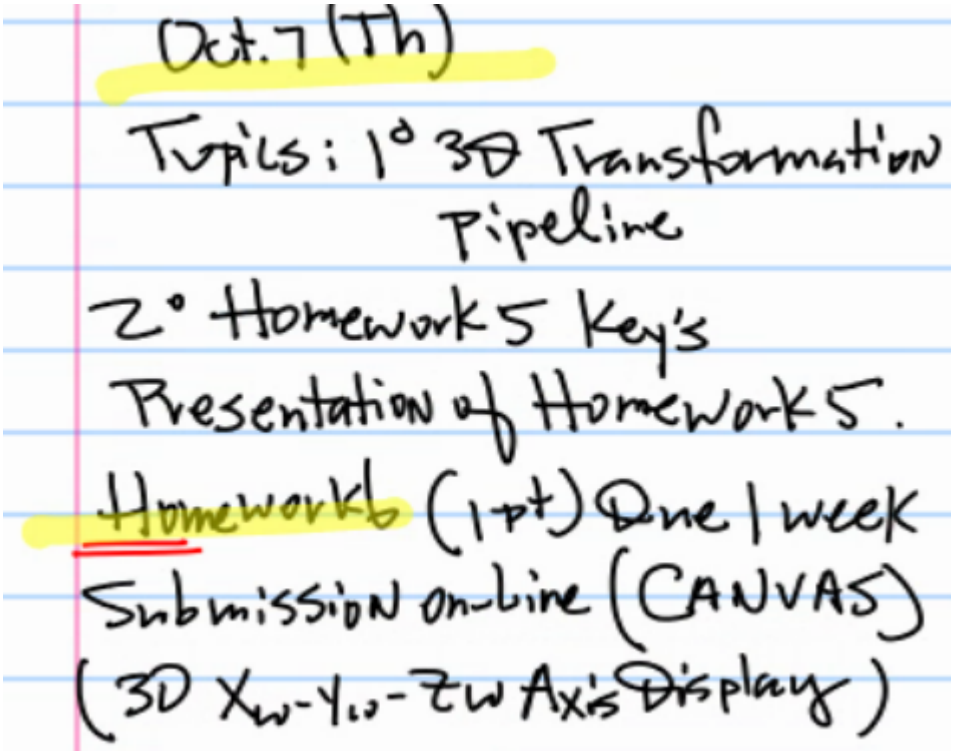
6. Homework (submission required). Composition of 2D transformations, assigned date and/or due date: Sept 23, 2021, pp. 15, lecture notes, 2021F-2-lecture-note-2021-10-14.pdf (the time stamp on this lecture note will be updated for each new lecture, so look for the document ID: 2021F-2-lecture-note …)



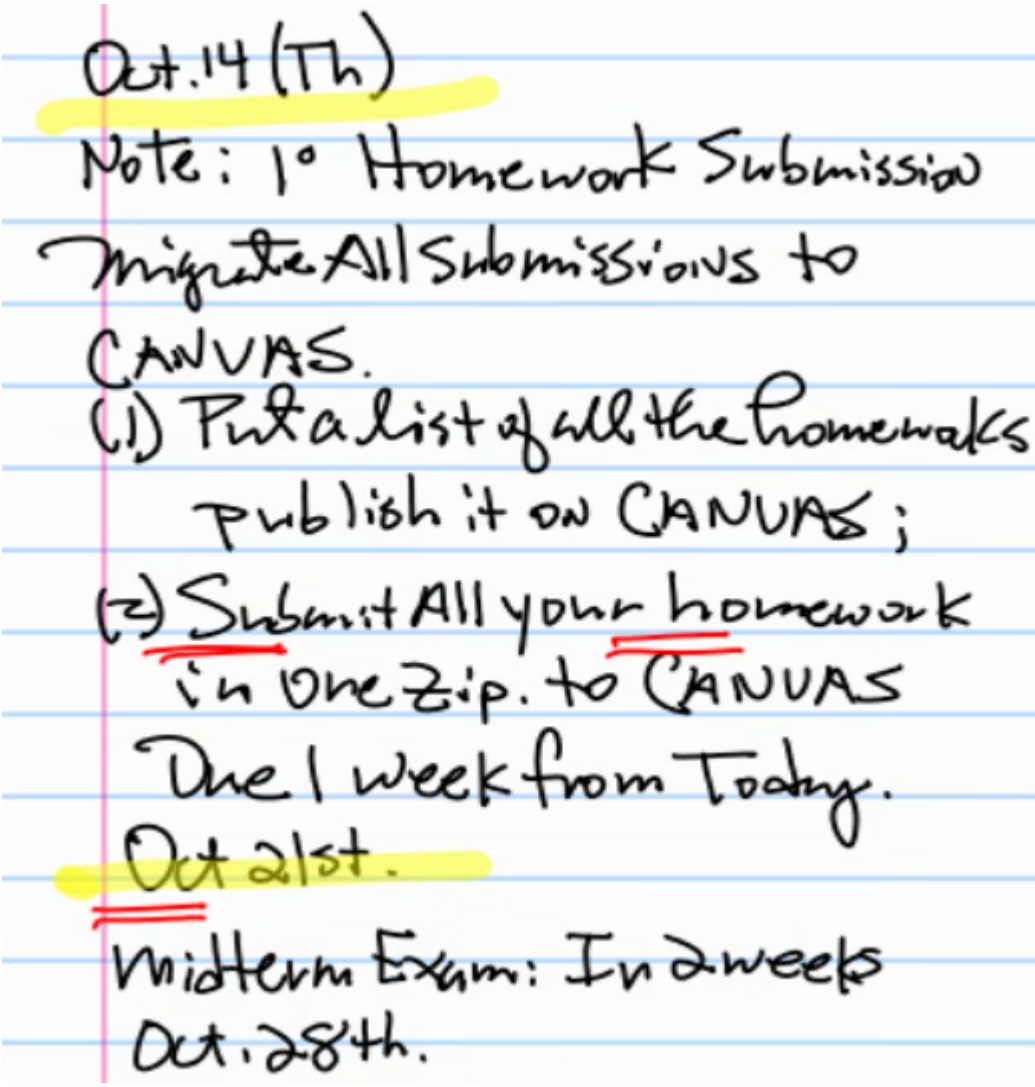
Note: this assignment was re-assigned in the class on Sept 30th, after the in-class discussion and to give more time to those who did not submit the homework, see below from pp. 17, lecture notes.



7. Homework (submission required, 1 pt). Plot xw-yw-zw world coordinate, assigned date and/or due date: Oct 7, 2021, pp. 21, lecture notes, 2021F-2-lecture-note-2021-10-14.pdf (the time stamp on this lecture note will be updated for each new lecture, so look for the document ID: 2021F-2-lecture-note …)



8. Homework (submission required). Review and collect all homework and put them into one zip file, assigned date and/or due date: Oct 44, 2021, pp. 15, lecture notes, 2021F-2-lecture-note-2021-10-14.pdf (the time stamp on this lecture note will be updated for each new lecture, so look for the document ID: 2021F-2-lecture-note …)


Oct. 14 (Th)
Note: 1° Homework Submission
Migrate All Submissions to
CANVAS.
(1) Put a list of all the homeworks
publish it on CANVAS;
(2) Submit All your homework
in One Zip. to CANVAS
Due 1 week from Today.
Oct 21st.
Midterm Exam: In 2 weeks
Oct. 28th.

(END)