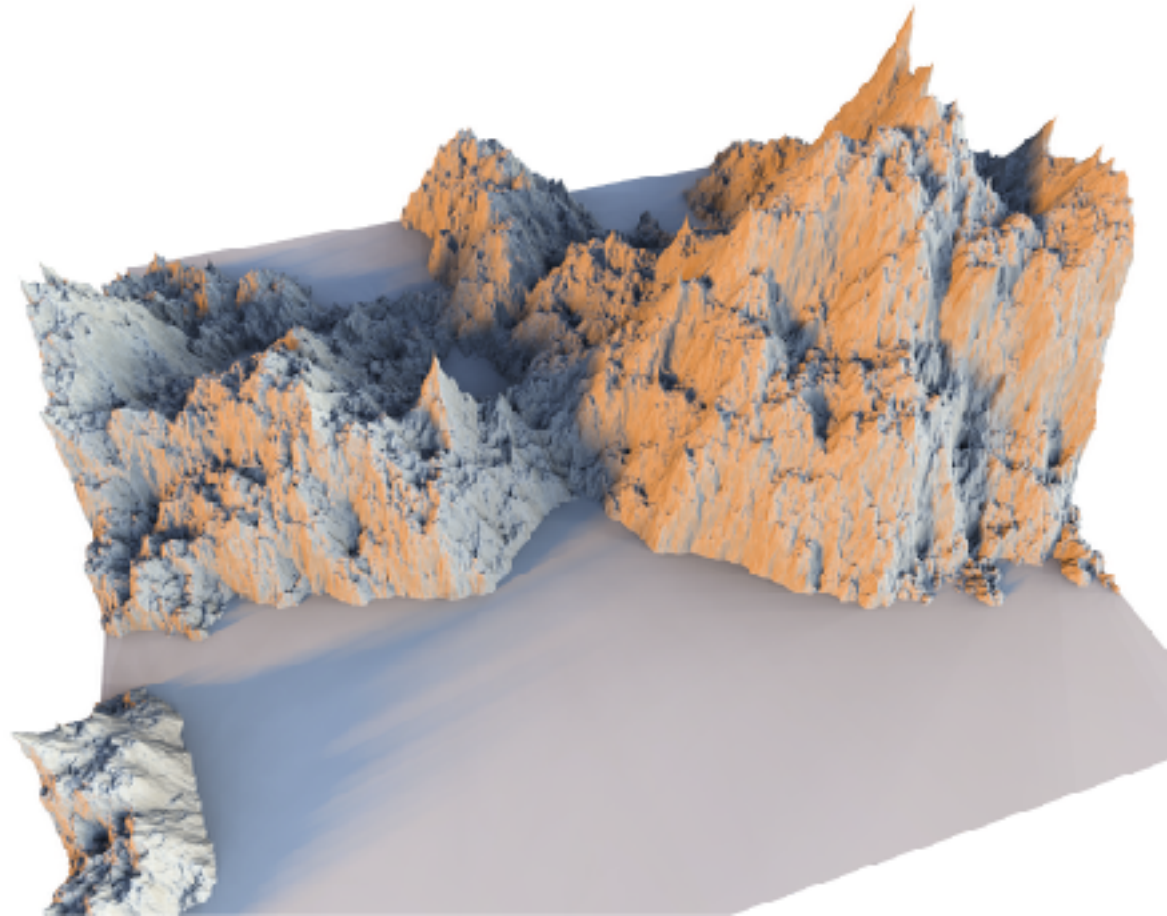


Fall 2017

CSCI 420: **Computer Graphics**



Exercise 1. Height Field



Hao Li

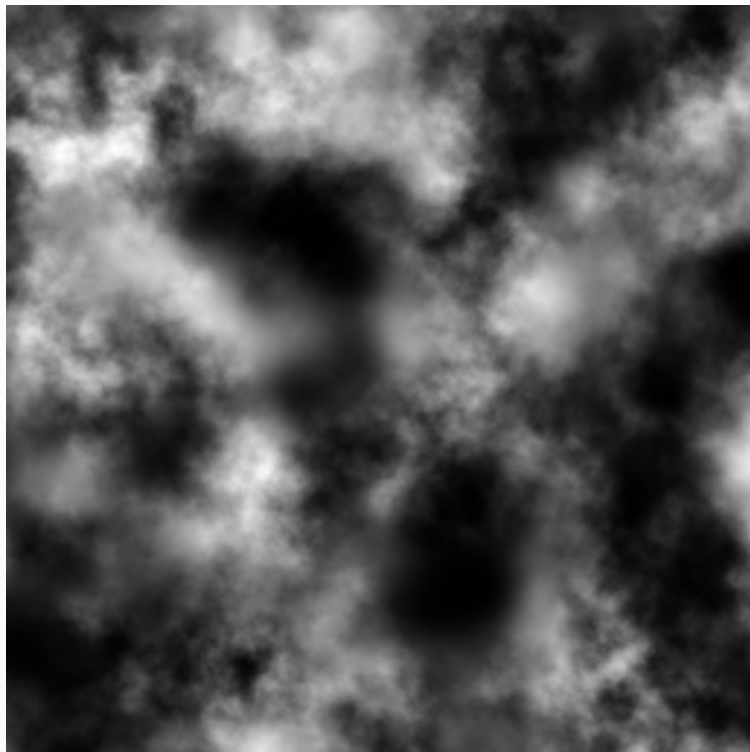
<http://cs420.hao-li.com>

Height Field



Height Field

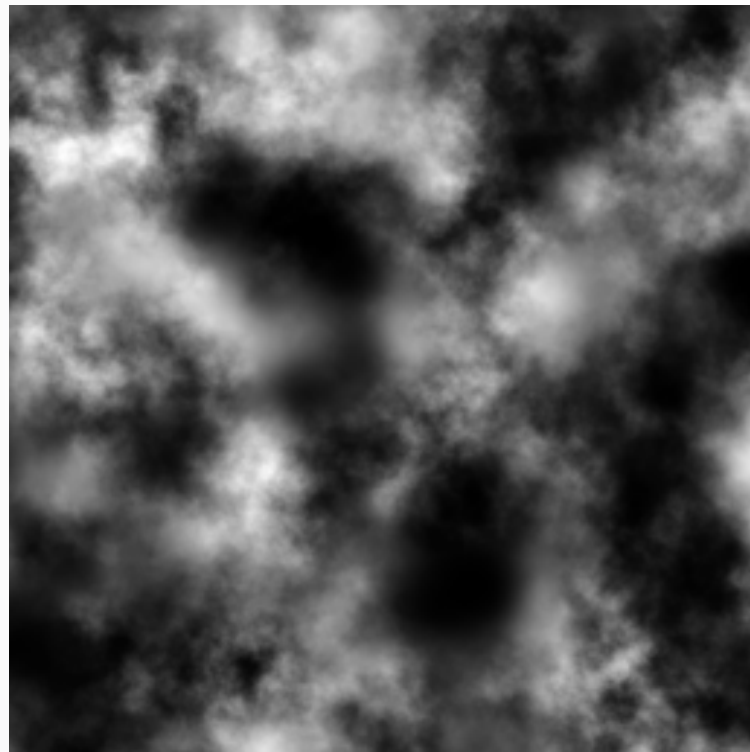
Interactive 3D Heightfield Viewer and Fly-through!



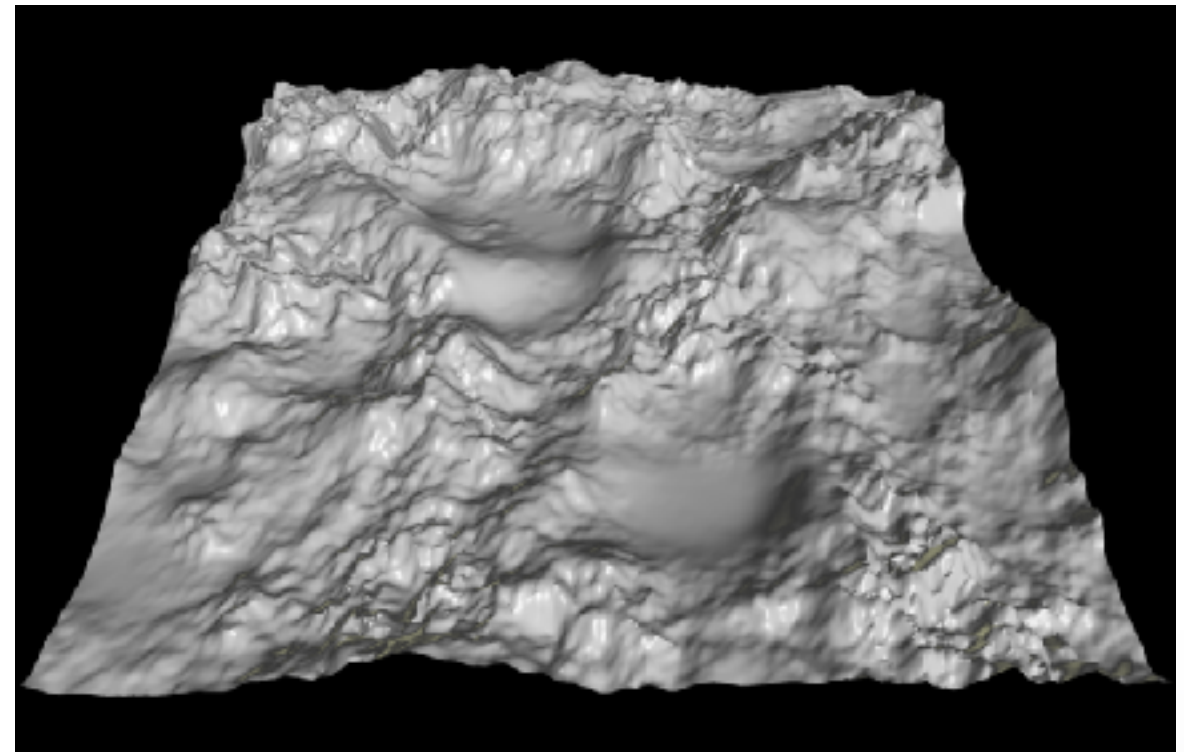
Input

Height Field

Interactive 3D Heightfield Viewer and Fly-through!

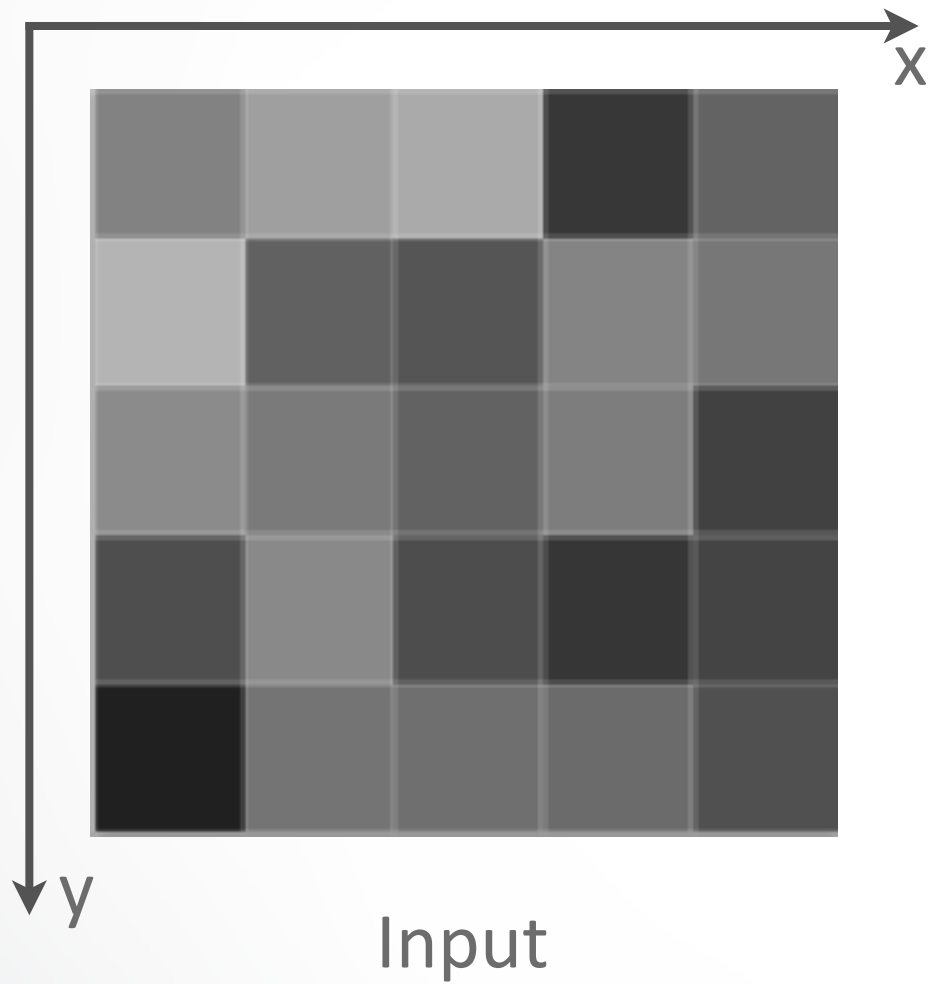


Input

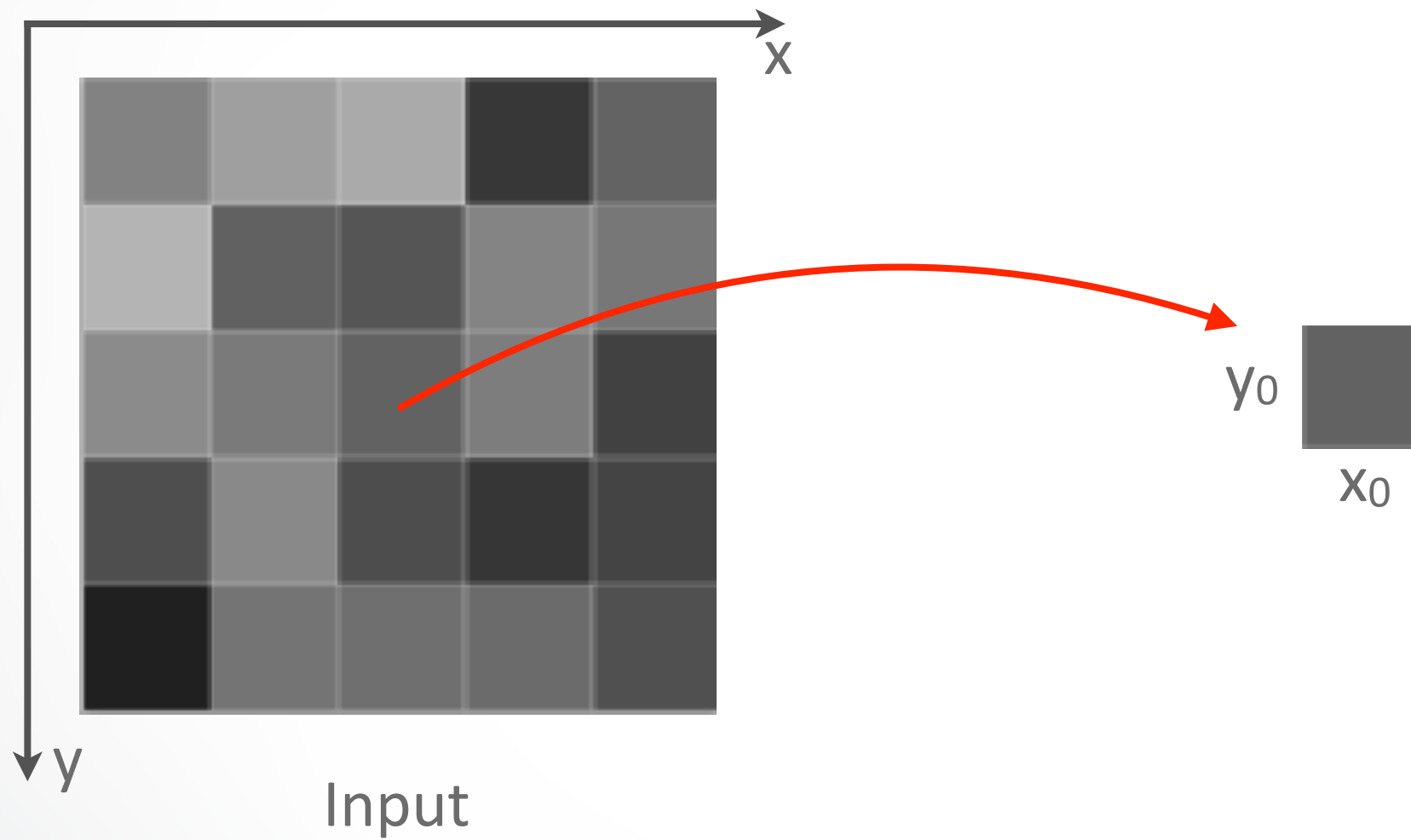


Output

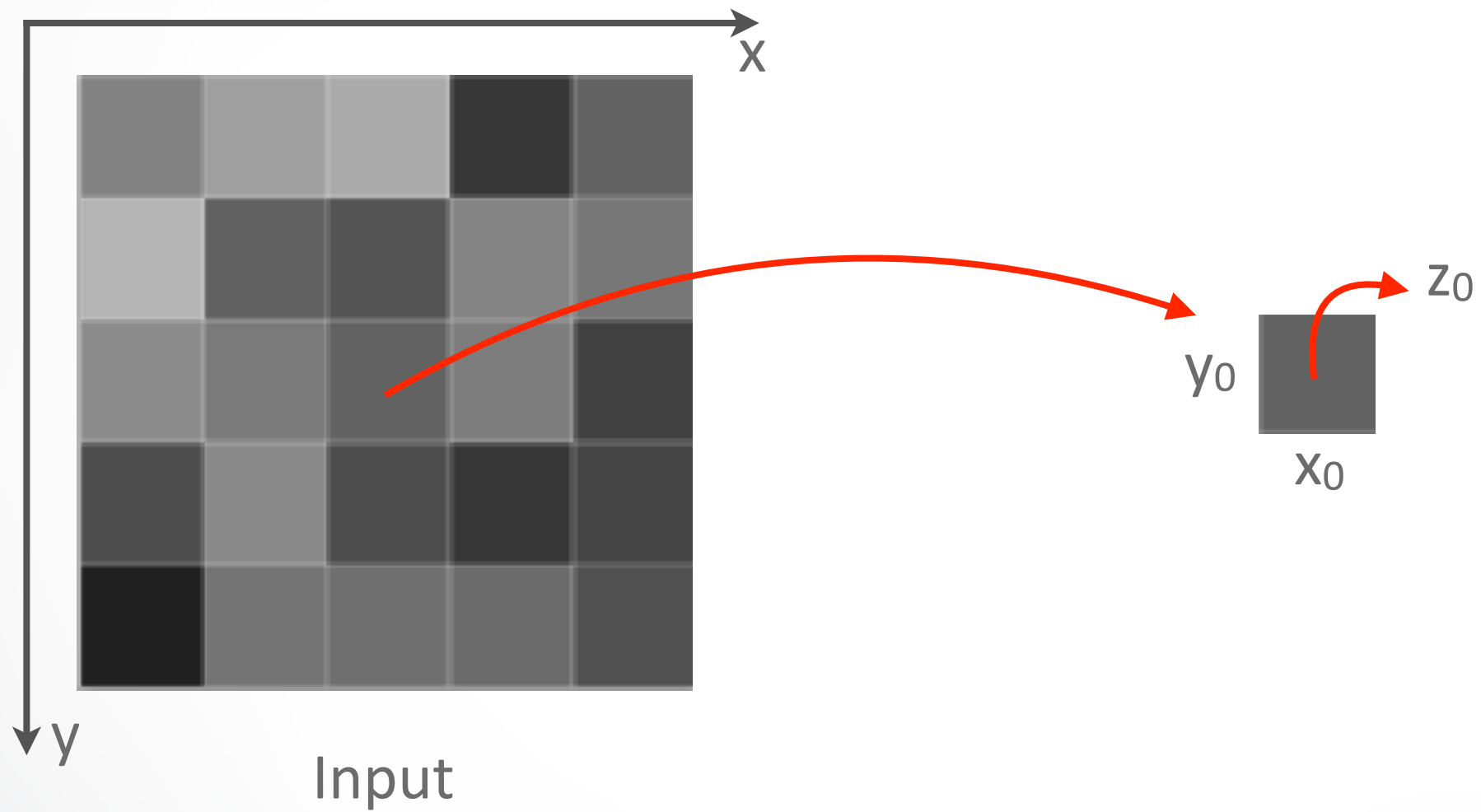
Height Field



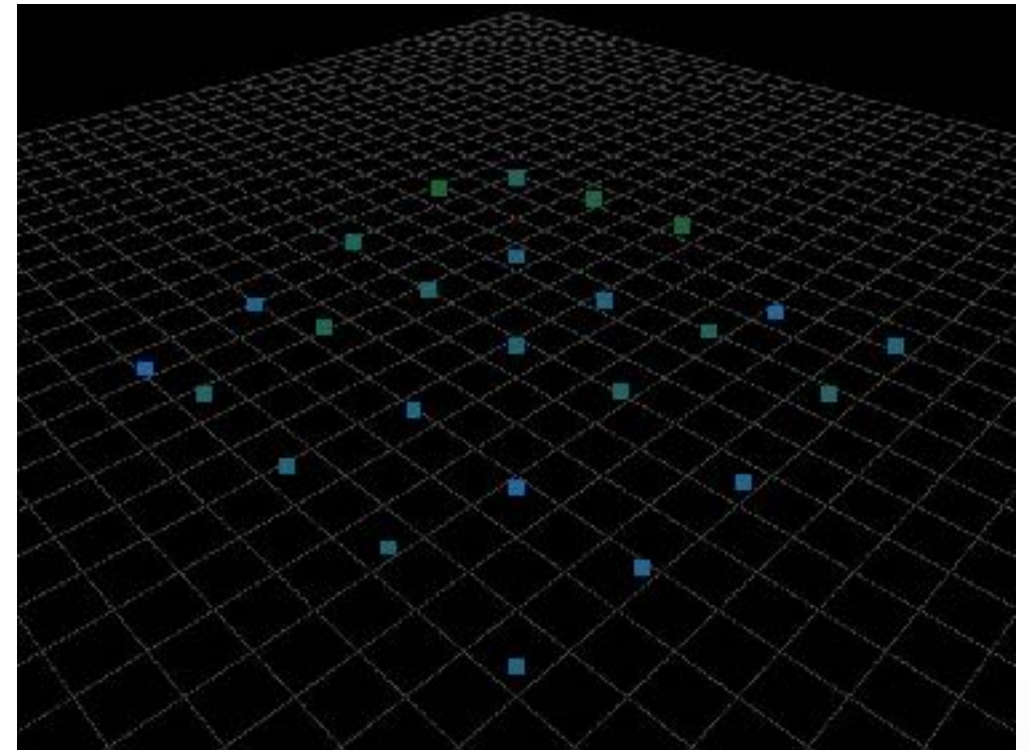
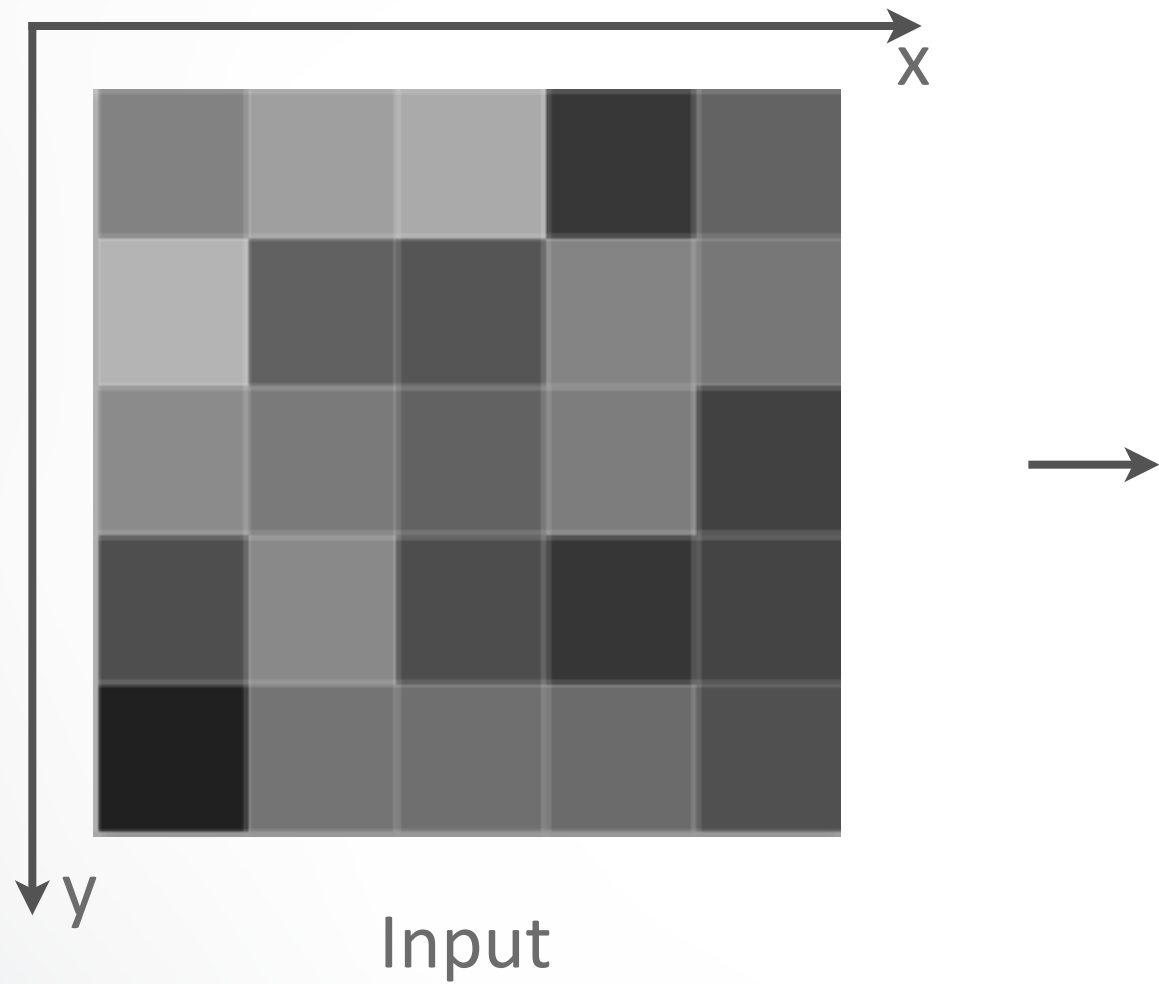
Height Field



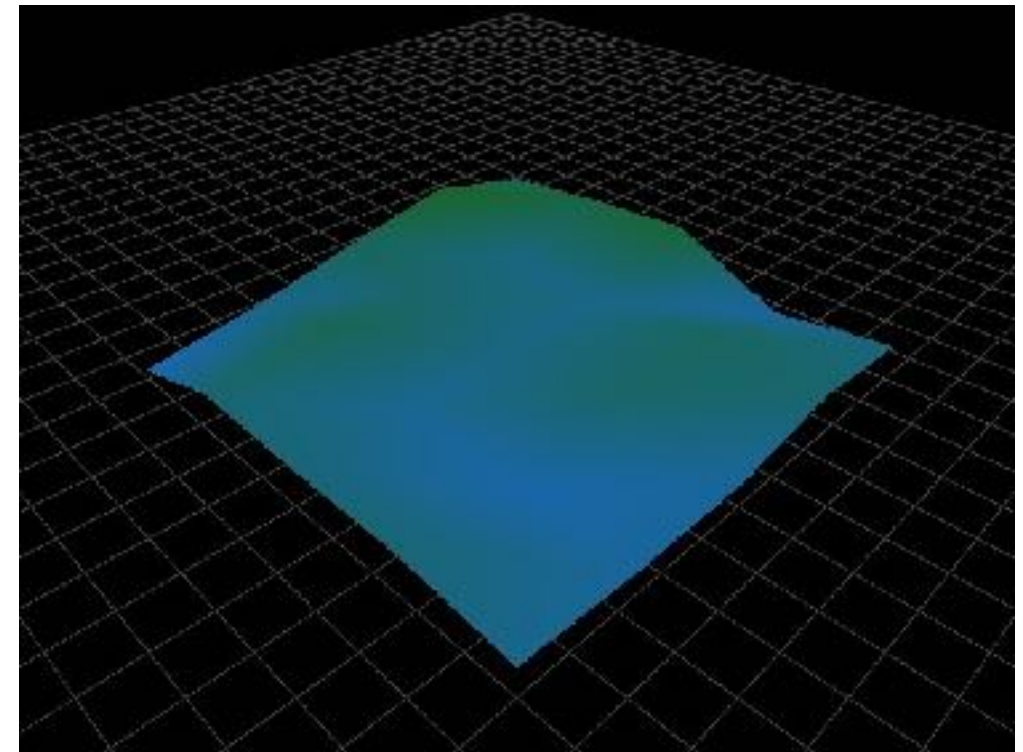
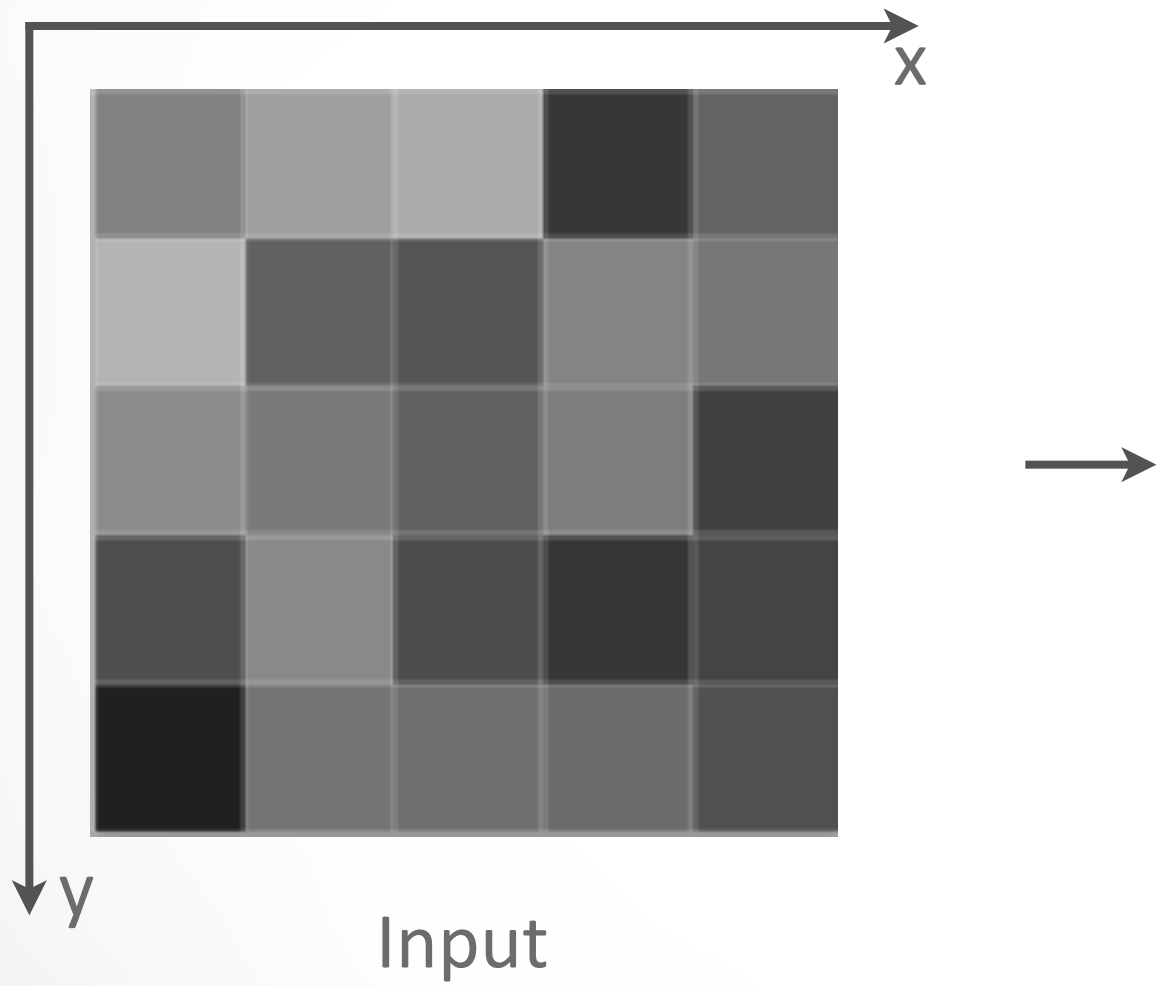
Height Field



Height Field



Height Field

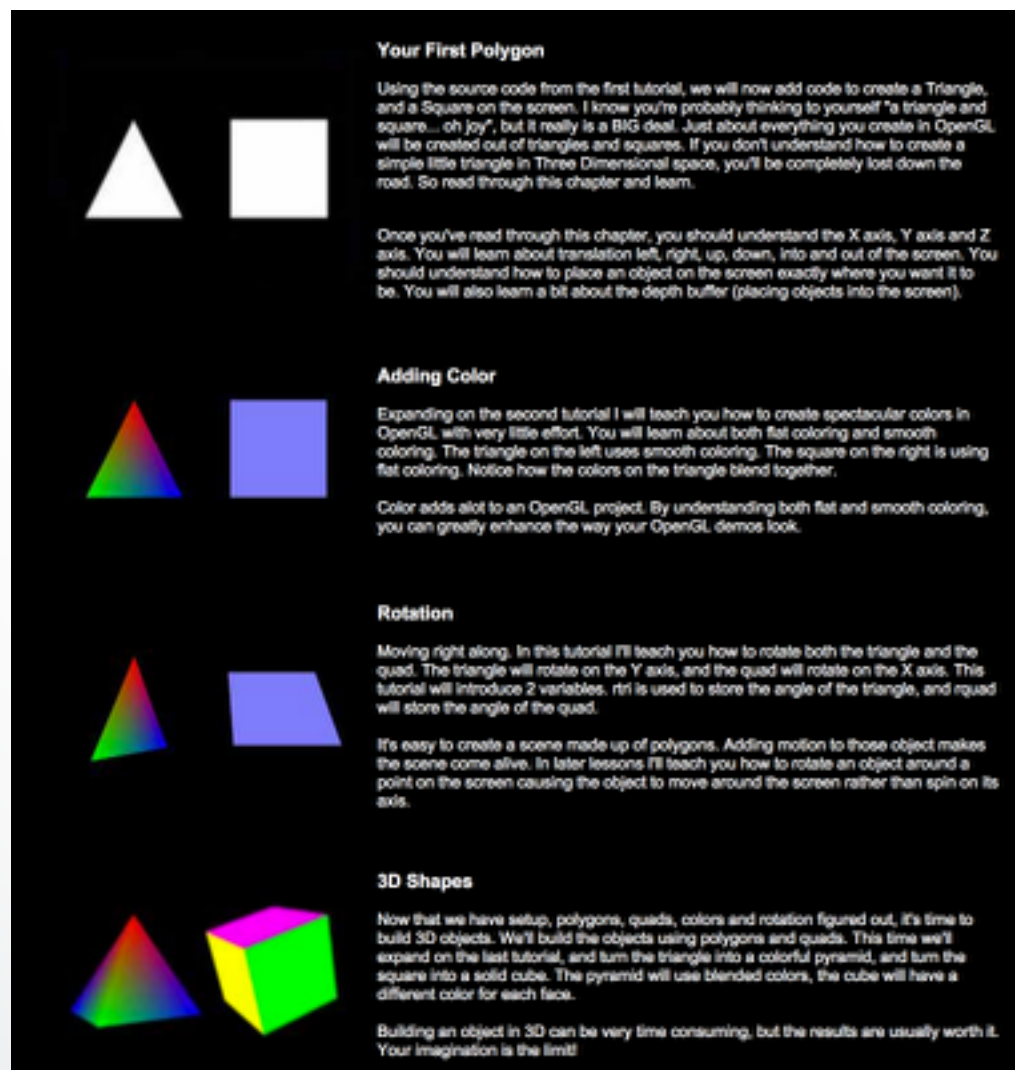


Demo



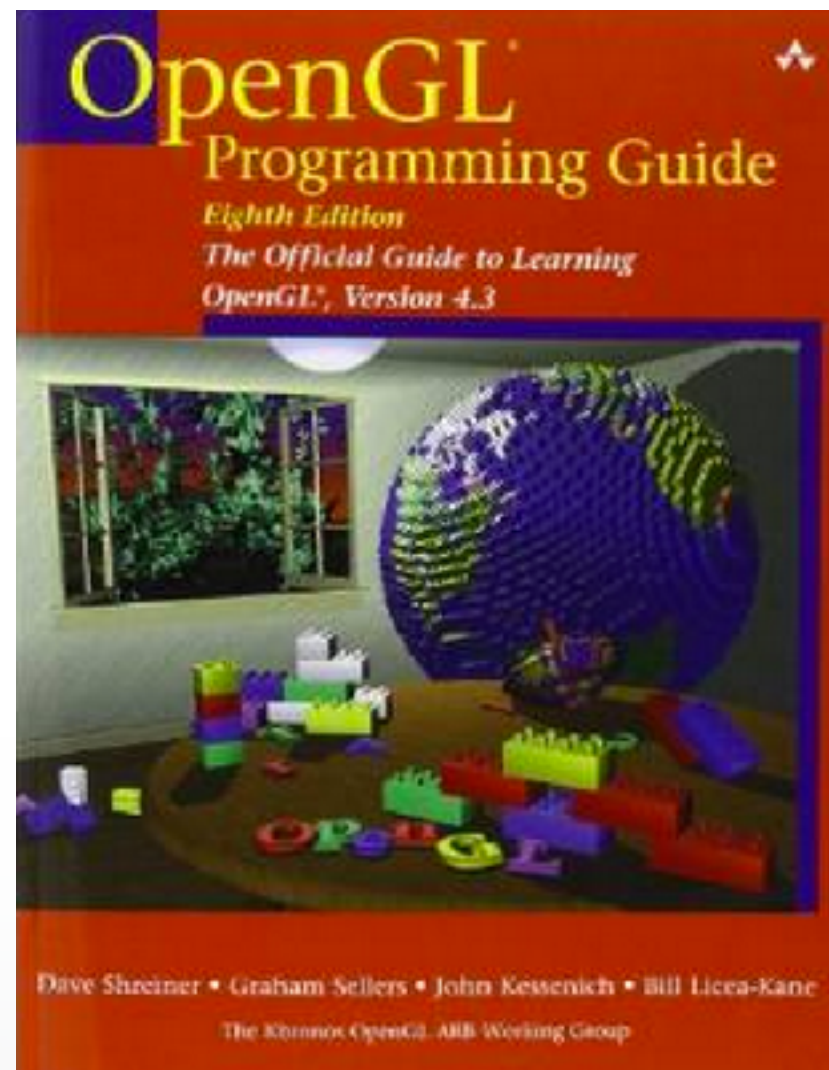
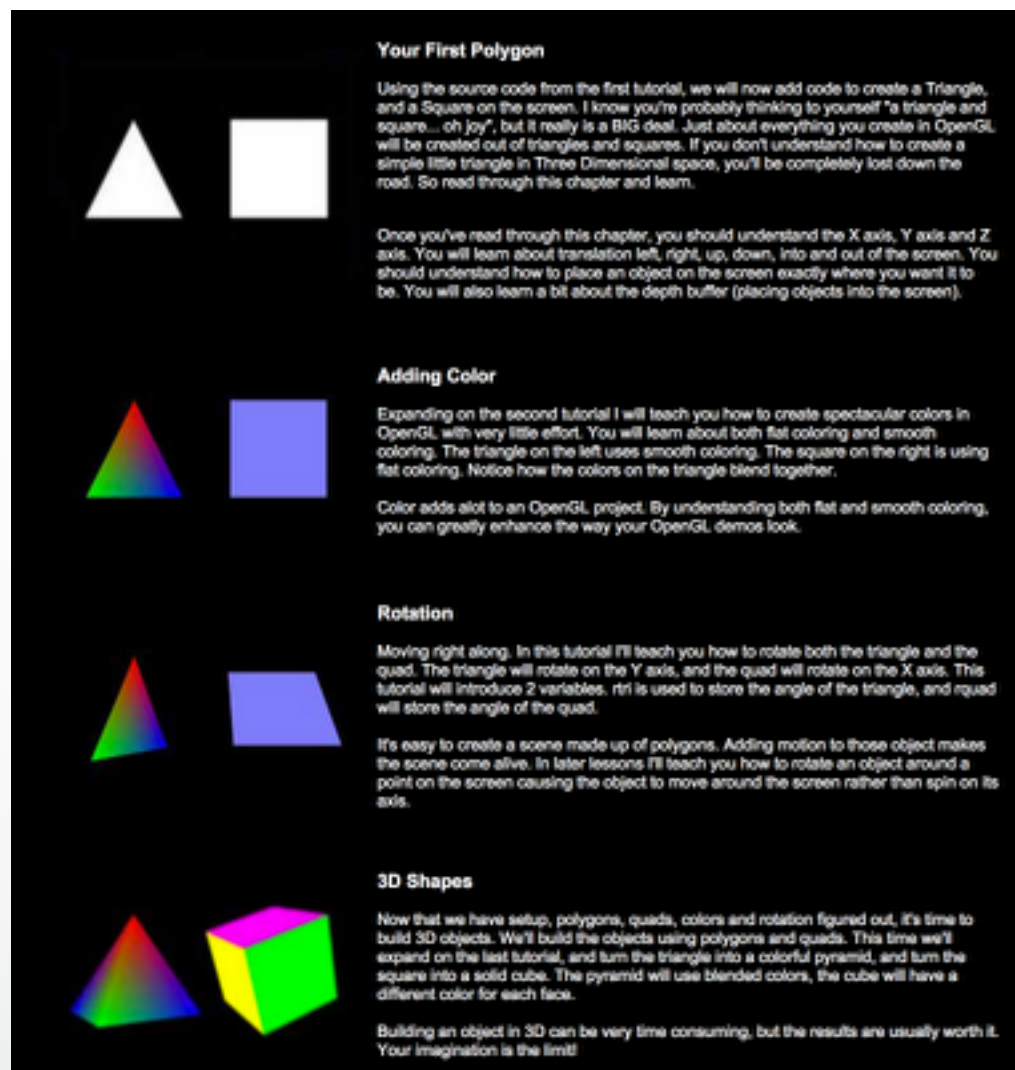
Start coding ...

- NeHe Productions (http://users.polytech.unice.fr/~buffa/cours/synthese_image/DOCS/www.xmission.com/Nate/tutors.html)

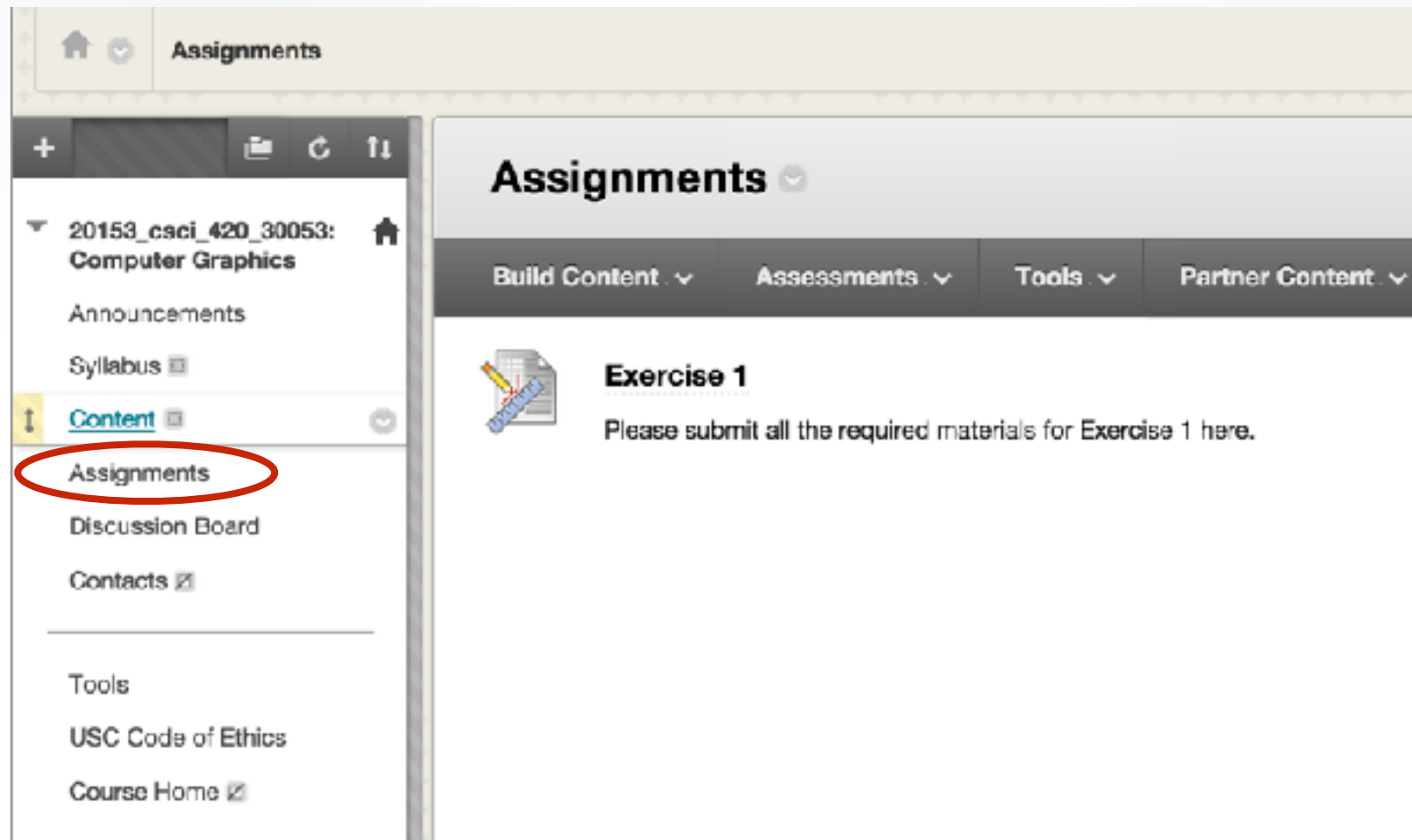


Start coding ...

- NeHe Productions (http://users.polytech.unice.fr/~buffa/cours/synthese_image/DOCS/www.xmission.com/Nate/tutors.html)
- OpenGL Programming Guide (<http://glprogramming.com/red/>)

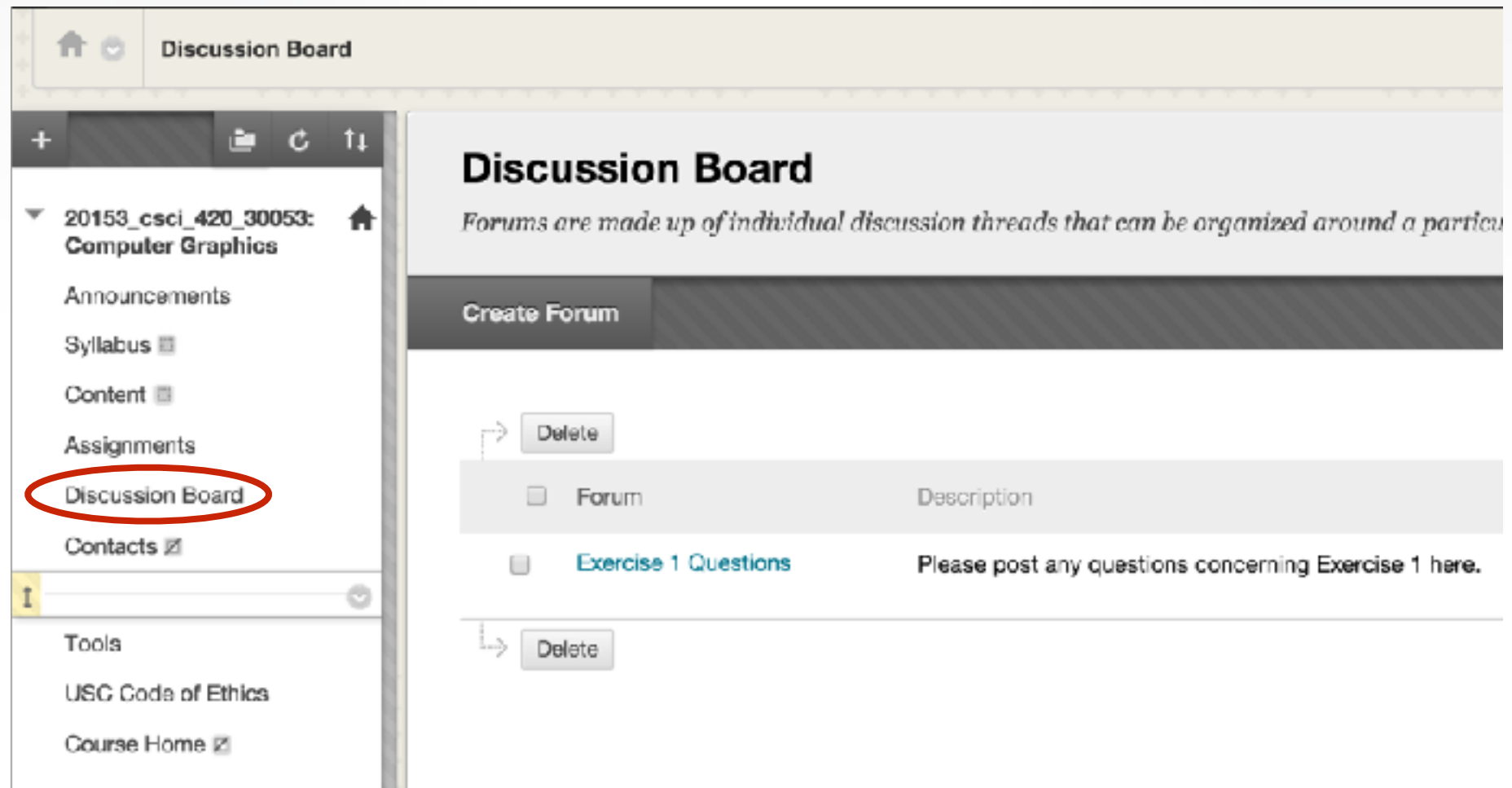


Submission



- Deadline: **Monday, Sep 25, 2017 11:59 pm**
- Follow submission instructions on Ex. 1 webpage:
 - Upload a .zip compressed file named “Exercise1-YourName.zip” to blackboard
 - Include your code with comments
 - Include a readme file
 - Include JPEG frames or a video

Contact



- Office Hours: TBD, will be posted soon
- General questions about the assignment can be posted on Blackboard Discussion Board
- Emails (include “CSCI_420” in title):
legendre@ict.usc.edu, yijingl@usc.edu, zimoli@usc.edu

<http://cs420.hao-li.com>

Thanks!

