Due: Oct 2 11:55pm

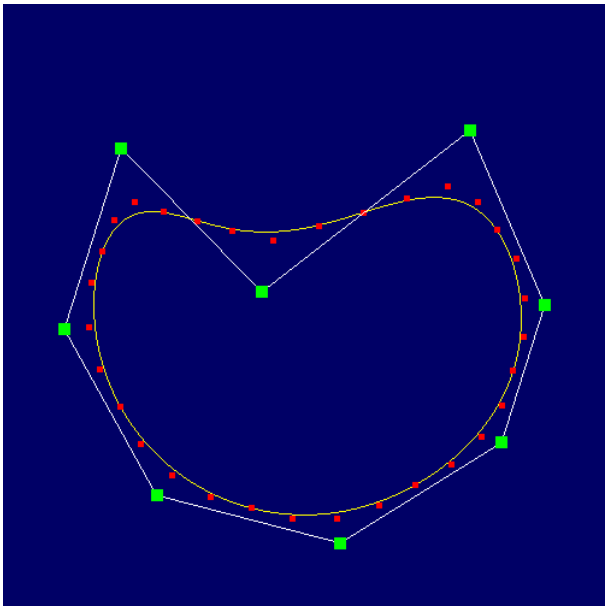
Project 1c

Points: 20

Task 1: Picking and Dragging

Points: 5

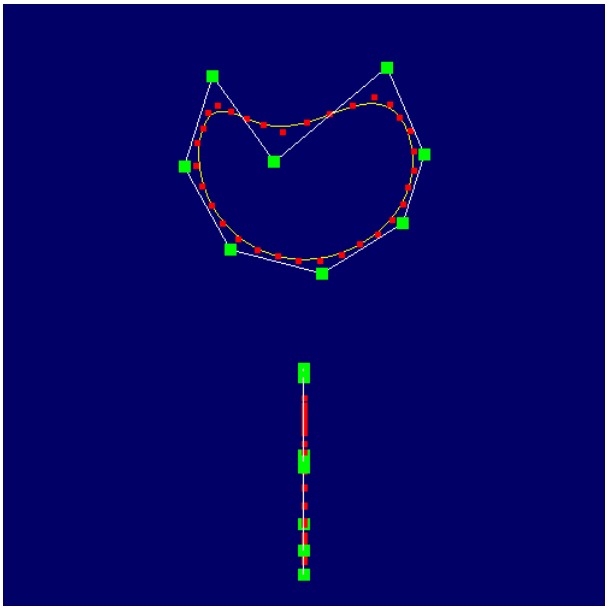
When the shift key is pressed on the keyboard, horizontal moving of the mouse translates to moving in the **Z**-direction. This motion is not (yet) visible.



Task 2: Double View

Points: 10

In the top half of the window draw the default view



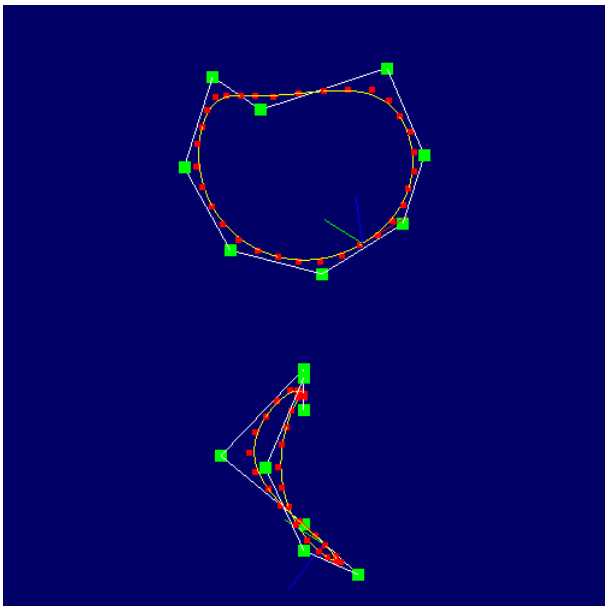
perpendicular to the x-y plane. In the bottom half of the window draw the side view perpendicular to y-z plane.

The double-view should be toggled when 4 is pressed.
NOTE: Picking needs only work in Single View.

Task 3:

Points: 5

When key 5 is pressed have a yellow dot travel around the closed curve. Draw the tangent (red) normal (green) and binormal (blue) of the curve at the yellow dot.



WHAT TO SUBMIT

- All of your **source files** (.cpp's, shaders, readme's, etc) as in link
- A **link** to a screen capture of your running program showcasing the implementation of all of the tasks using recordit (Mac, Win) or similar software.
  For bigger tasks screen capture each step.
  NOTE: Make sure your programs compile and run on the lab machines in E313 as the grading would be done on them.

GRADING

- Present your project 1 in E313 on Oct 4,6,7 (3pm) !pick a day!
- Failure to fulfill the submission requirements will result in a grade of 0.
- For regrading:
  - Come to the TA's office hours.
  - Be ready to download your submission from Canvas and show it running.