

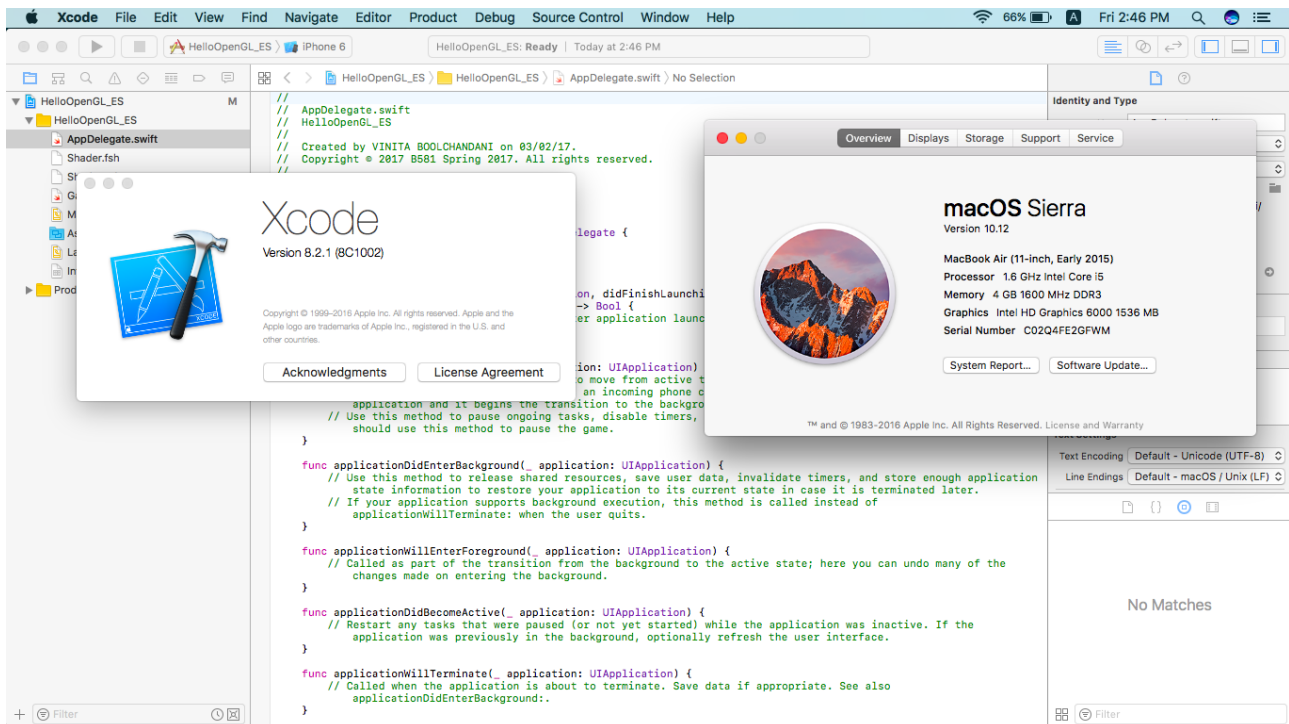
Advanced Computer Graphics (B581)  
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February 5, 2017

A.

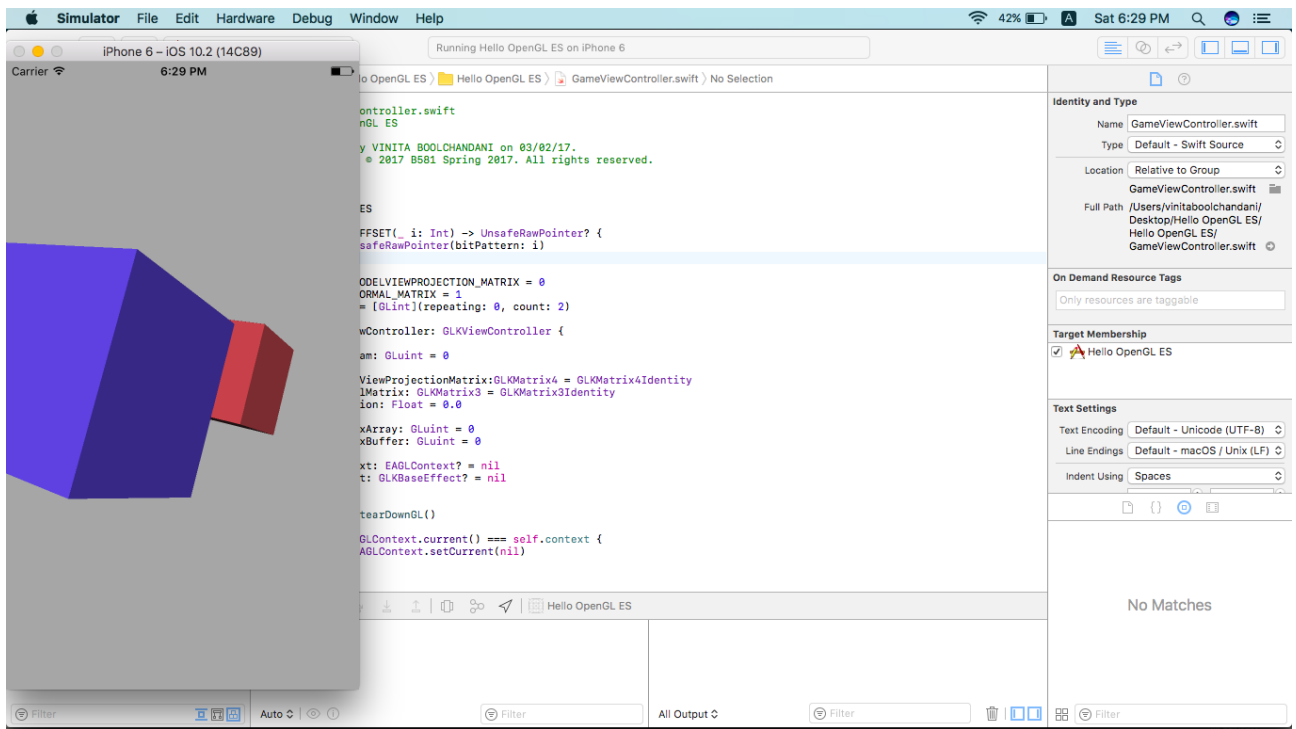
- Target Platform : iOS
- Development Platform : MacOS Sierra (10.12)
- Use of Personal Computer

B.

- Screenshot of the development environment and desktop OS versions.

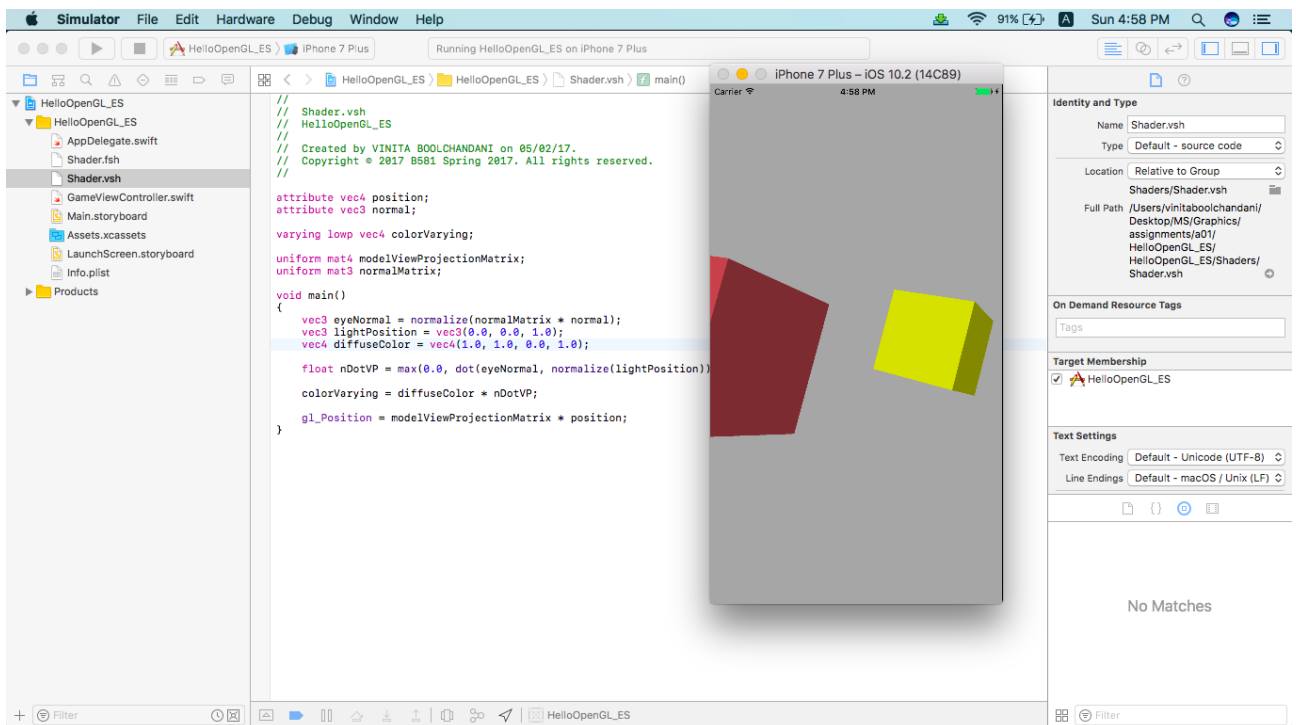


- Screenshot of successful compilation



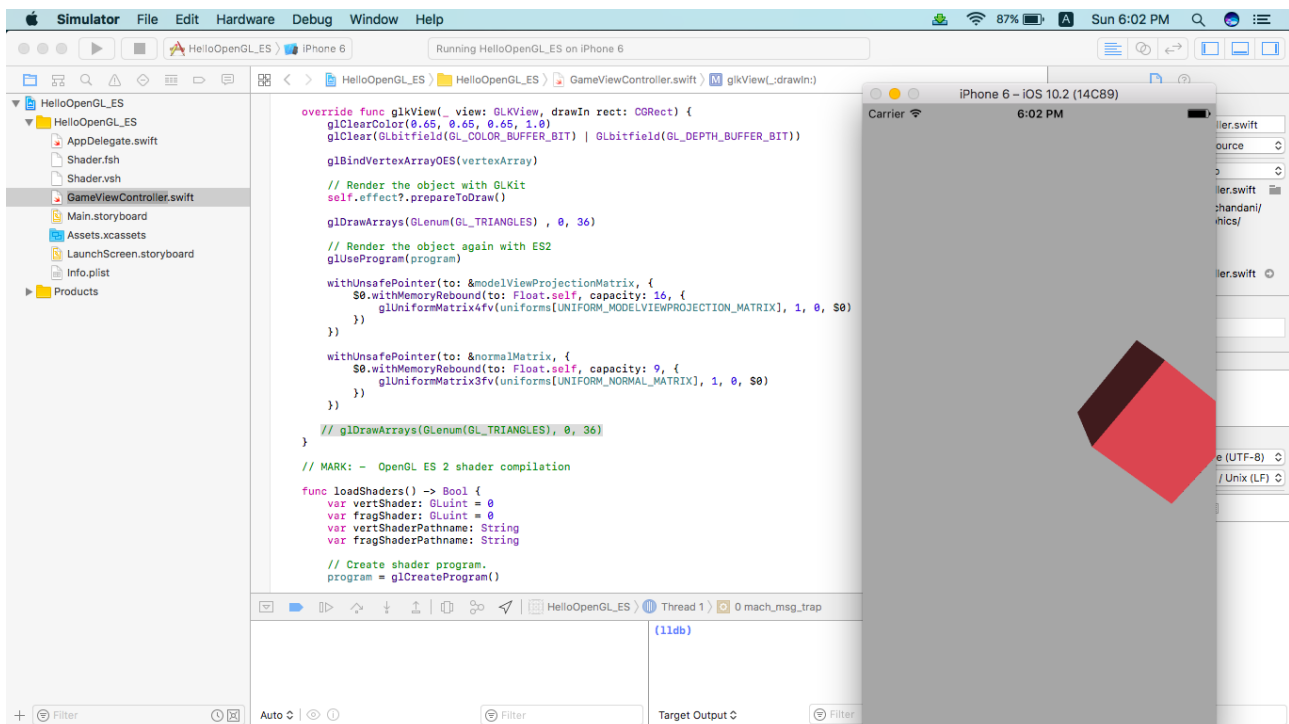
C.

- Changing colour of one of the cubes to yellow(mixing red and green)



Changes for this were done in shader.vsh and are as follows,  
`vec4 diffuseColor = vec4(1.0, 1.0, 0.0, 1.0);`

- Displaying one of the two cubes by commenting the following line of code,  
`// glDrawArrays(GLenum(GL_TRIANGLES), 0, 36)`



Commenting the above line of code will stop the rendering of second cube.

- I was able to draw a pyramid in place of cube with the following matrix for vertices

-0.5, 0.5, -0.5,	0.0, 1.0, 0.0,
0.5, 0.5, 0.0,	0.0, 1.0, 0.0,
0.0, 0.0, 0.5,	0.0, 1.0, 0.0,
0.0, -0.5, 0.0,	-1.0, -1.0, 0.0,
-0.5, 0.5, -0.5,	-1.0, -1.0, 0.0,
0.0, 0.0, 0.5,	-1.0, -1.0, 0.0,
0.5, 0.5, 0.0,	1.0, -1.0, 0.0,
0.0, -0.5, 0.0,	1.0, -1.0, 0.0,
0.0, 0.0, 0.5,	1.0, -1.0, 0.0,
-0.5, 0.5, -0.5,	0.0, 0.0, 1.0,
0.5, 0.5, 0.0,	0.0, 0.0, 1.0,
0.0, -0.5, 0.0,	0.0, 0.0, 1.0,

