Cairo University 3<sup>rd</sup> year 2020-2021

**Faculty of Computers and Information** 

**Computer Graphics-1** 

**Information Technology Department** 

**2Ds Project** 

## **Requirements:**

## **Bonus:**

- a. Try to build 3-D Scene using OpenGL Package
- b. Build A Simple Garden Background contains some of 3-D objects
- c. Build 3-D car
- d. Try to move car left and right by using Mouse clicks
- e. Use key Keyboard Click to open and close car's door
- f. Use keyboard click rotate car about Y-axis
- g. Use keyboard clicks to zoom in and out from scene
- h. Control camera coordinates to see 3D scene from different directions