<u>Lab 5</u> <u>Computer Graphics</u>

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I. Snippets

```
switch (i) {
glPopMatrix();
```

```
void keyboard(unsigned char key, int x, int y) {
  switch (key) {
        isWireframeMode = !isWireframeMode;
         if (isWireframeMode) {
            glPolygonMode( face: GL_FRONT_AND_BACK,  mode: GL_FILL);
```

```
int main(int argc, char** argv) {
// Initialize GLUT and create window
   glutInit( pargc: &argc, argv);
   glutInitDisplayMode( displayMode: GLUT_DOUBLE | GLUT_RGB | GLUT_DEPTH);
   glutInitWindowSize( width: 800, height: 700);
   glutCreateWindow( title: "3-Legged Stool");

// Initialize scene and set up callback functions
   init();
   glutDisplayFunc( callback: display);
   glutKeyboardFunc( callback: keyboard);

// Start main loop
   glutMainLoop();
   return 0;
}
```

II. Sample Runs











