```
else(triangle(a,b,c));
             /* draw triangle at end of recursion */
             void display(void)
             glClear(GL_COLOR_BUFFER_BIT);
             divide_triangle(v[0], v[1], v[2], n);
             glFlush();
             int main(int argc, char **argv)
             {
             n=4;
             glutInit(&argc, argv);
             glutInitDisplayMode(GLUT_SINGLE|GLUT_RGB);
             glutInitWindowSize(500, 500);
             glutCreateWindow("2D Gasket");
             glutDisplayFunc(display);
             myinit();
             glutMainLoop();
             shawn@shawn-VirtualBox:~/Desktop$ gedit SierpinskyGasket.c
Output
             shawn@shawn-VirtualBox:~/Desktop$ gcc SierpinskyGasket.c -lglut -lGLU -lGL
shawn@shawn-VirtualBox:~/Desktop$ _/a.out
             shawn@shawn-VirtualBox:~/Desktop$
```

