

CSE423 Lab 4

Cohen-Sutherland Line Clipping Algorithm

Task Description:

1. Using Cohen Sutherland line clipping algorithm, draw the lines that are
 - **Partially accepted (check instructions# 2)**
 - **Fully accepted (Green Colored)**
 - **Fully Rejected (Red Colored)**

You have to make a clipping window too.

2. **Partially Accepted Lines:** If any fragment of the line is partially inside the clipping window give it two different colors
 - a. fragment inside the clipping window: **Green**
 - b. otherwise: **blue**

Hint: initially the partially accepted lines should be drawn using blue. When the line fragment inside the clip window is determined, draw the line fragment using green.