



Rasterization Jordan Curve

2021/05/18

Crow's scan line algorithm

1. Use your 2D grid, click n vertices to define a polygon (counter-clockwise)
 - Rasterize all edges - 0 points, but required.
2. Rasterize the polygon using crow's algorithm
 - if works for convex polygon only – 60 points
 - If works for both convex and concave polygon – 80 points
3. Provide a popup submenu (20%)
 - to start/reset the rasterization process
 - Select start: start to fill the polygon
 - Select reset: clean all pixels, restart the above process

Finish all function in Lab class get extra 10 points

- Submit your code, pdf, demo video before 6/1 midnight