Assighment 4 Saturday, March 17, 2018 11:34 AM

- 1. One would need to either store the existing texture coordinates in the same location as before and just ship the newly created vertices or try to calculate new values to store in the new vertices.
- ?. max > 3N

 if every single triangle is parallel an a plane in how che in how che had they all inhorsect with the plane used, tun every triangle will be cat into three.

MIN -> N
none of the triangles intersect the plane

- 3 The valence for V vertices will be the same as before the subdivision, generally; for Evertices it will be four for boundary vertices and 7 for interior vertices,
- Ul 4k, since loop subdivision creats 4 ren trlangles
- 5. It causes openings or holes in the object.