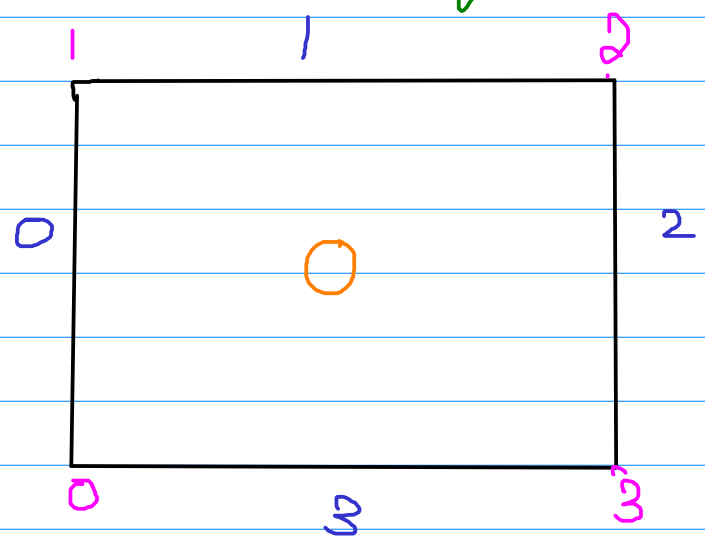
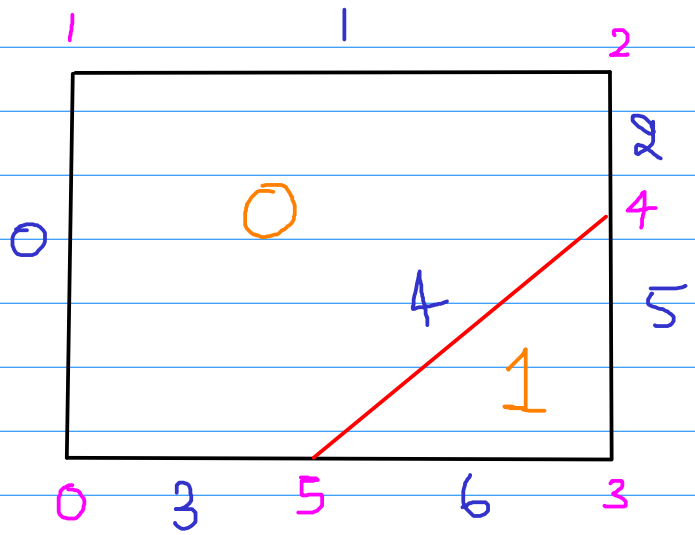
Assignment clarification

Q1



1. Split 2 & 3



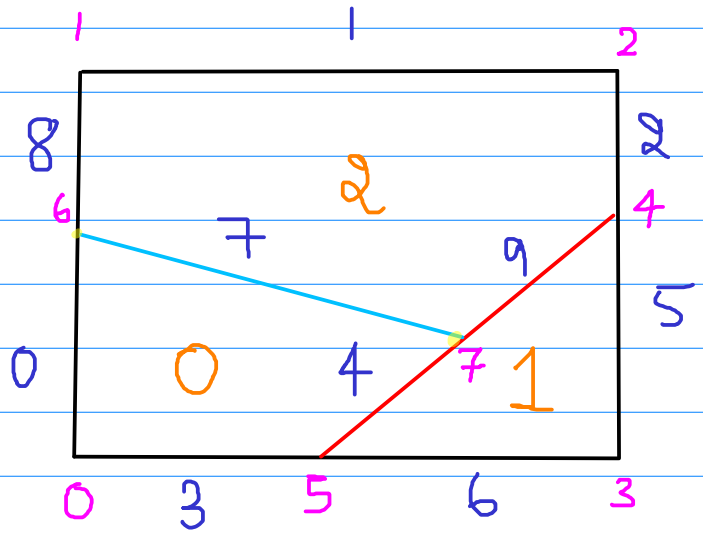
1. After splitting the edge, the new edge generated will have the index equal to 1 + the previous greatest index.

2. As we called split(2,3), the next greatest vertex number will go to edge 2 and the one after that will go to edge 3. We follow the edge from v2 to v3, take the twin edge back and -

3. After forming the new (half) edge, we will go in the clockwise direction to index the next edges formed due to the split.

4. The new face will be generated by this split, and will contain the new edge along with the remainders of the old edges passed in split()

2. Split 0 and 4



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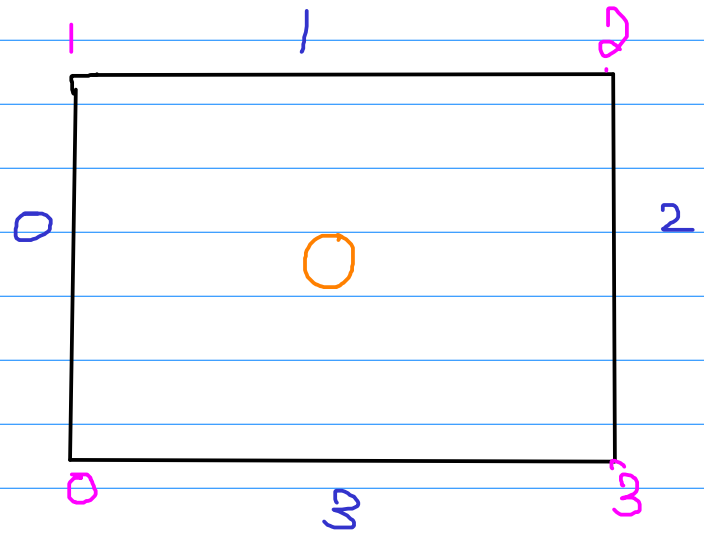
Q2



Split 1 & 3: