~ TIME COMPLEXITY ANALYSIS ~

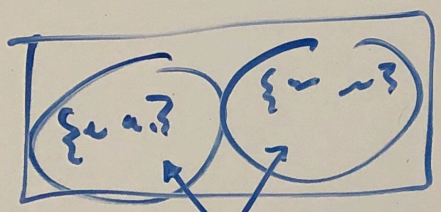
Step 1) Sorting Edges

$O(E^2)$ OR $O(E \log E)$

USING QUICK SORT / MERGE SORT

Step 2) Walking through edges until MST = V-1,

have to compare in UnionFind using find() and potentially merge with union().



find() → Splits in 2 → log

Does this until structure is full of all V so.. log V

Believe time complexity then =

$O(E \log V)$