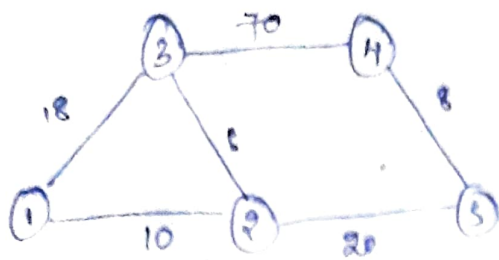


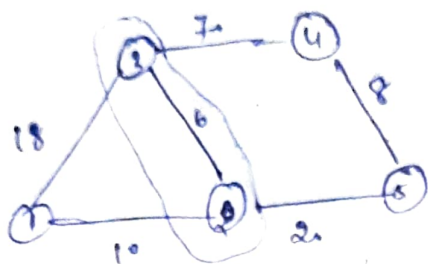
Kruskal's algorithm



Step-①

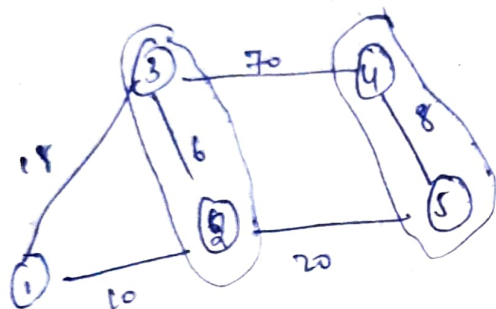
Sort the edges (weights) in ascending order

$\{6, 8, 10, 18, 20, 20, 70\}$
↑



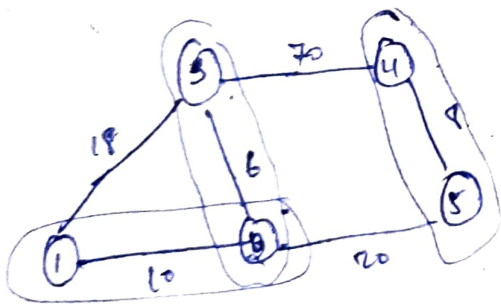
Step-② pick an edge $E[i]$ from about sorted edges who don't form a cycle.

So picked 6 ($i=0$)

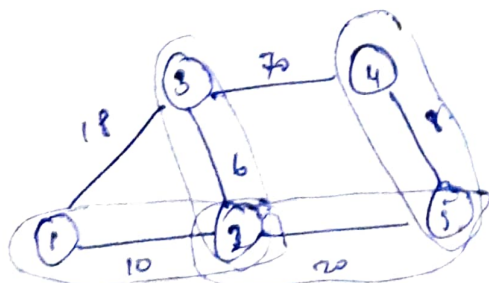


③

Now picking 8 $i=1$



④ Now picking 10 $i=2$



⑤ Now picking 18 $i=3$
But cannot proceed with it as it creates cycle, so picking 20 $i=4$.

⑥ Now picking 70 $i=5$
it form cycle so leaving it

Now our spanning (min) tree is ready.