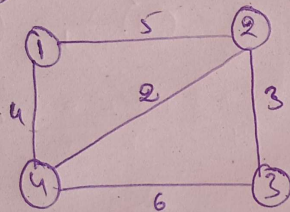


Kruskal's Algorithms:-



Edges:- $(4-2, 2), (2-3, 3), (1-4, 4)$

Weight:- $2+3+4=9$

edges by weight

$4-2 \rightarrow 2$

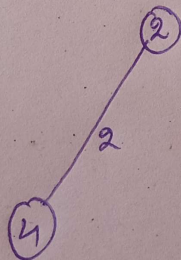
$2-3 \rightarrow 3$

$1-4 \rightarrow 4$

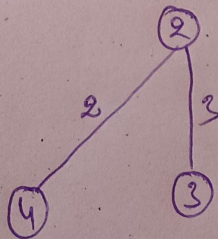
$1-2 \rightarrow 5$

$3-4 \rightarrow 6$

Step 1:-



Step 2:-



Step 3:-

