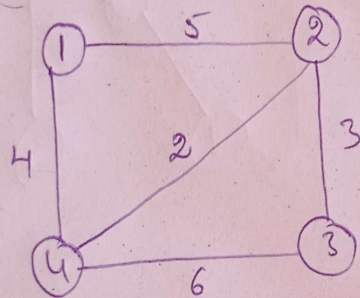
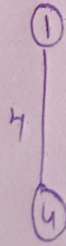


## Prim's Algorithm

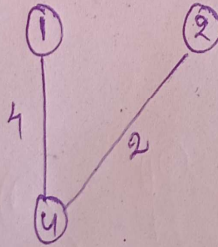


$$(1-4) 4, (4-2) 2, (2-3) 3 = 9 \text{ [Total weight]}$$

Step 1:-



Step 2:-



Step 3:-

