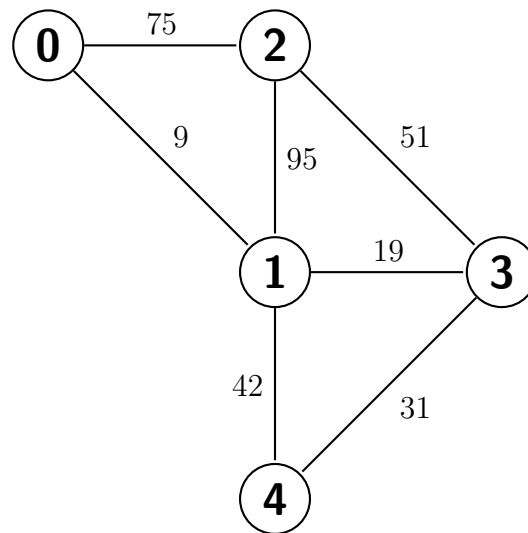
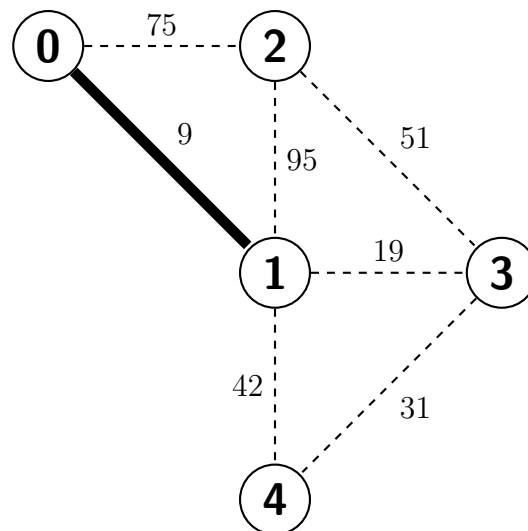


This is the original graph

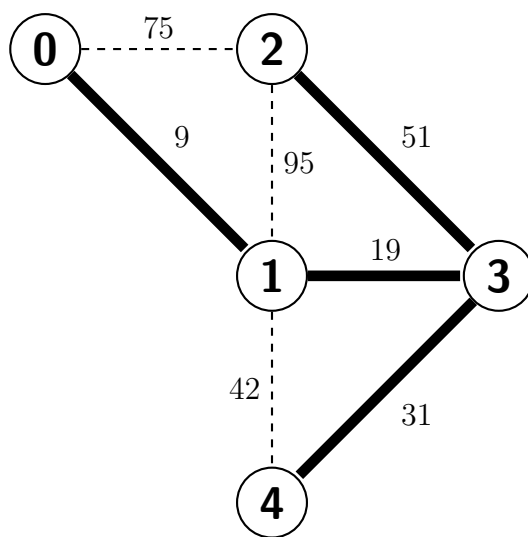
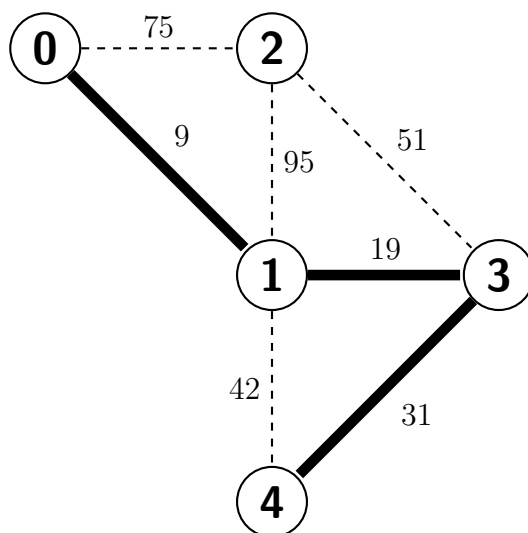
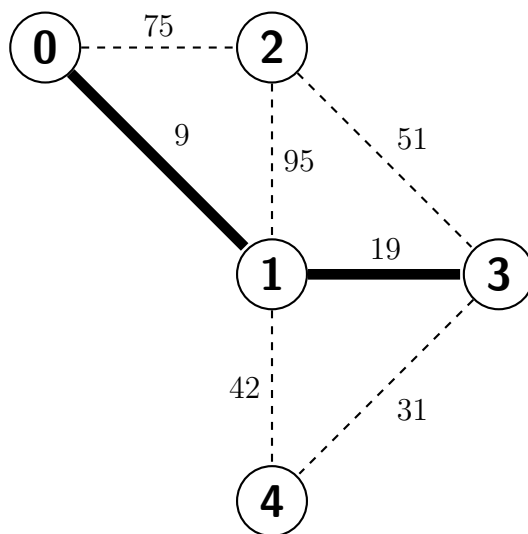


which contains 5 nodes, therefore, we shall eventually have 4 edges in the MST.

Assume we start from node 0, there are two edges with weight 75 and 9 respectively, pick the lowest one,



After the expansion, we now have four edges to choose from, each have weight of 19, 42, 75 and 95. Still, we pick the lowest weight and continue.



Voilà!