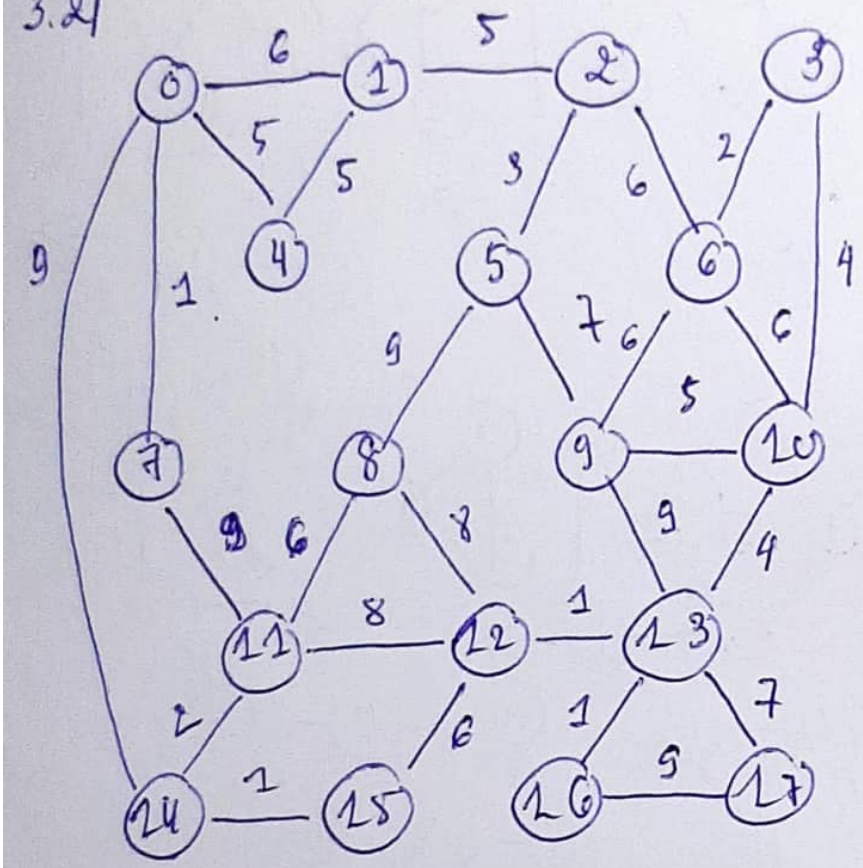
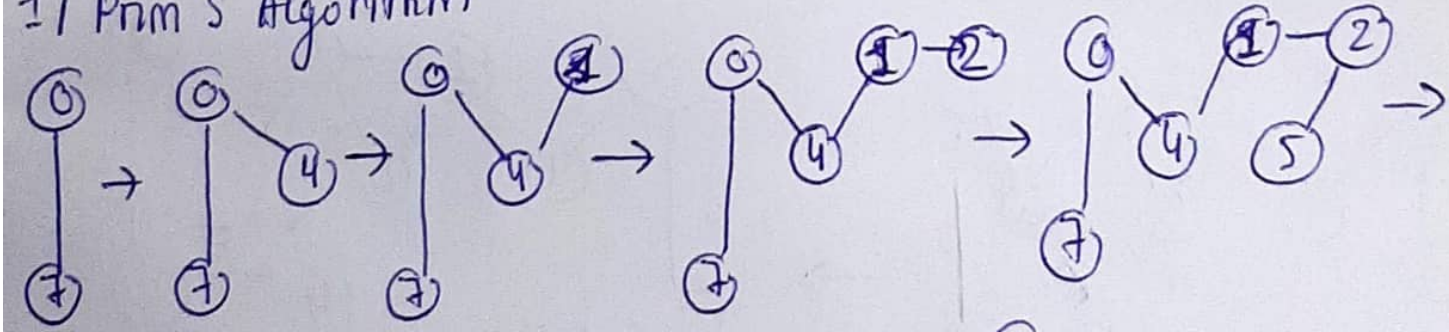
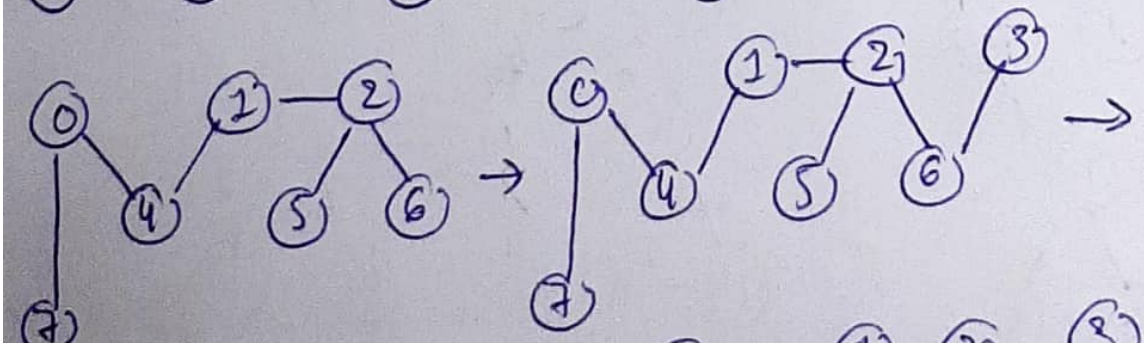
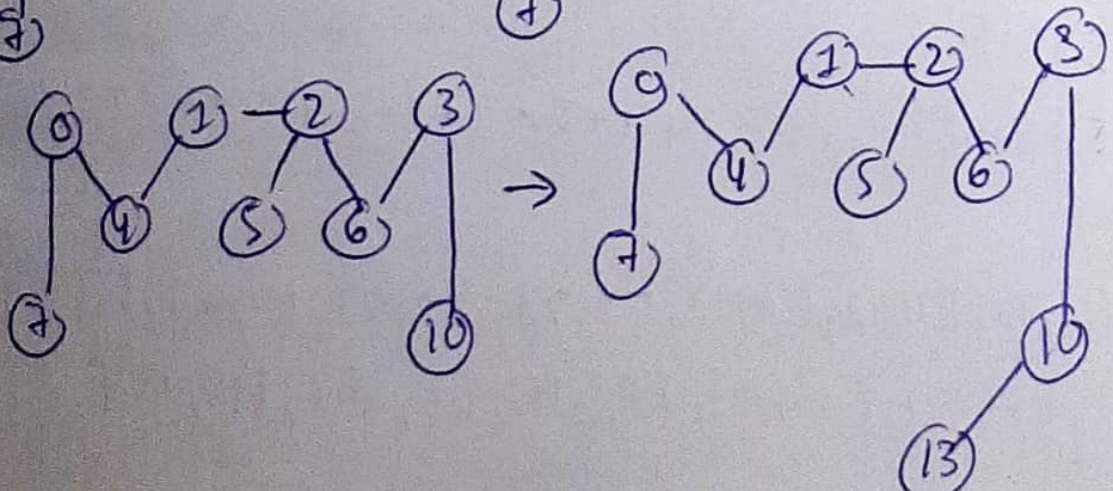
3.2/

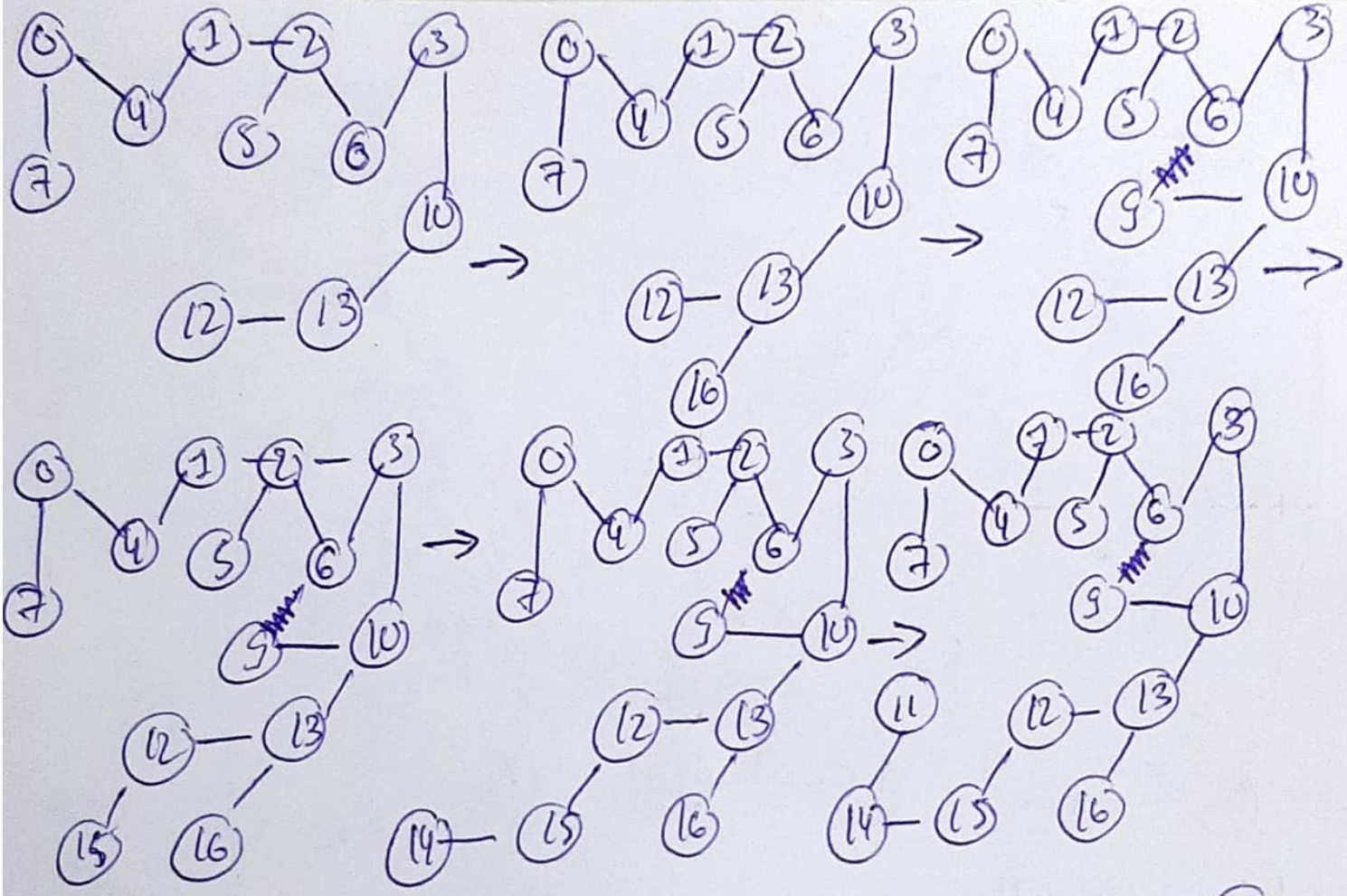


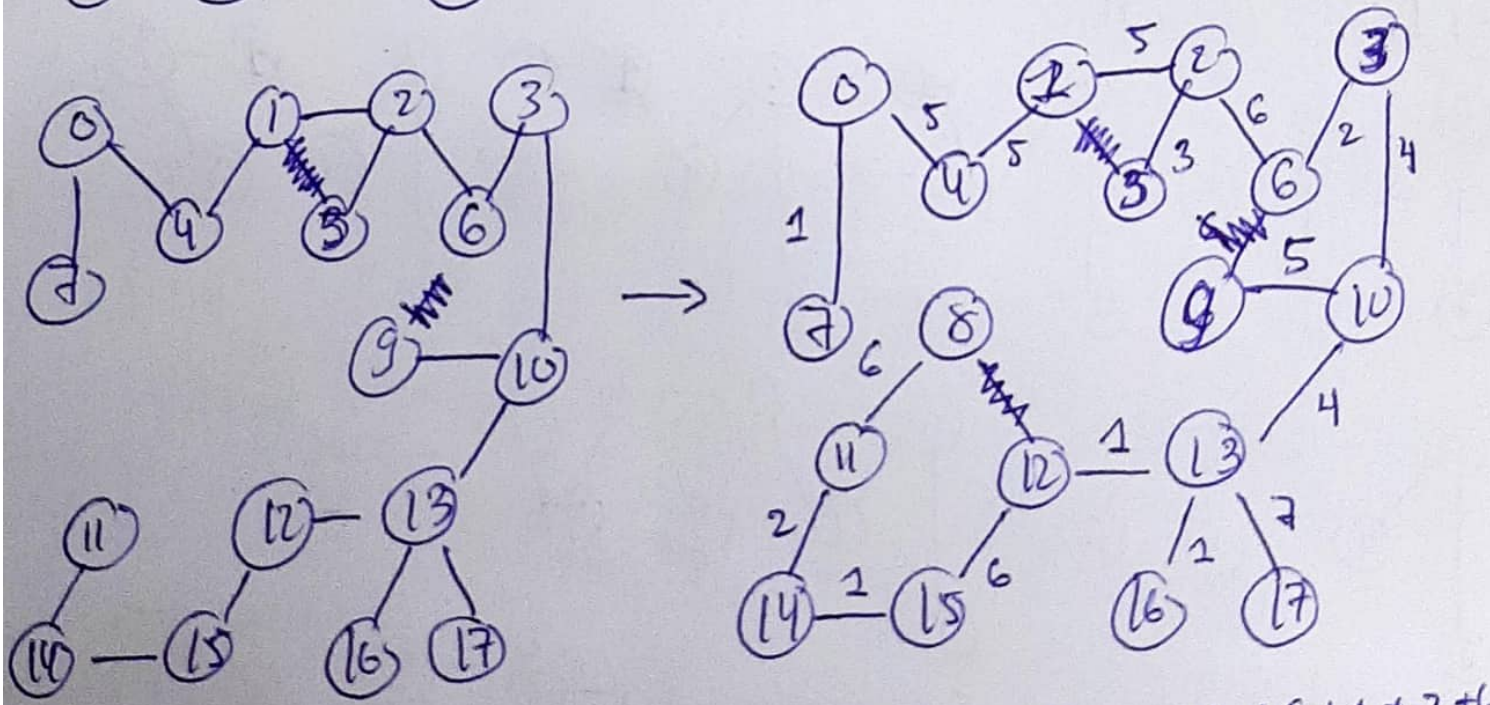
1/ Prim's Algorithm









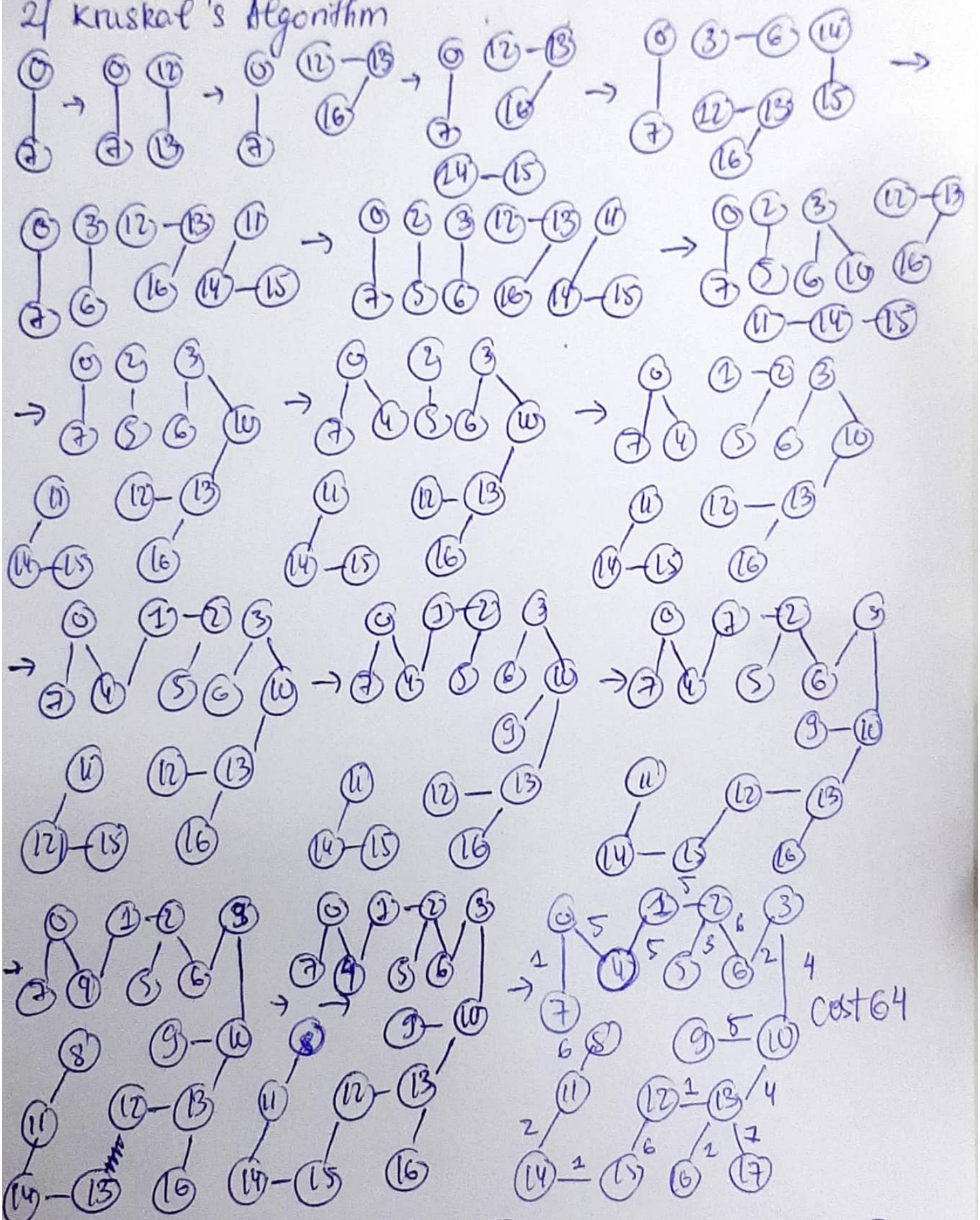


Cost = 1+5+5+5+3+6+2+4+5+4+7+1+1+6+1+2+6

= 64

List of edge : [0,7], [0,4], [4,1], [1,2], [2,5], [2,6], [3,6], [3,10], [10,9], [10,13], [13,16], [13,17], [12,15], [15,14], [14,11], [11,8]

2) Kruskal's Algorithm



cost 64

List of edge : [0,7], [1,4], [1,2], [2,5], [2,6], [3,6], [3,10], [8,11], [9,10], [10,13], [11,14], [12,15], [13,16], [13,17]