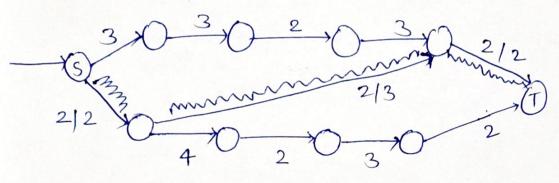
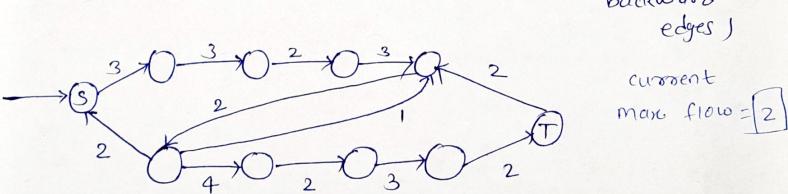


Iteration 1: Edmonds-Karp algo will choose path with 2 unit weight from S

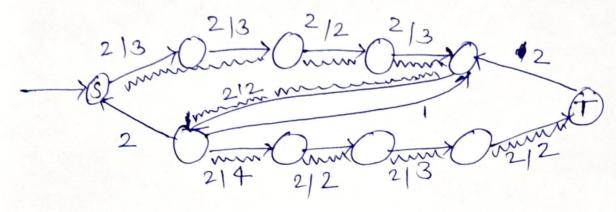


Residual graph after 1st iteration (graph with buckward



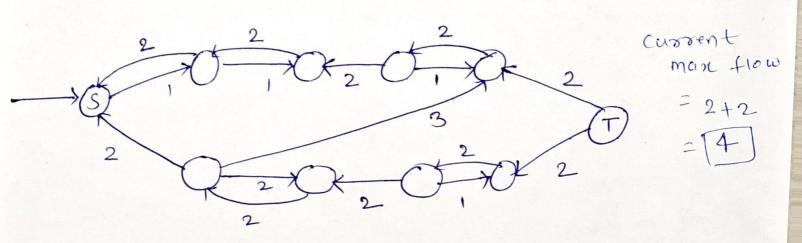
Now in 2nd iteration it will choose path Starting from S with weight 3 units and will have to use backward edge 2 and continue with lower path to reach T

Iteration 2:



Here backward edge with weight 2 connecting upper path with lower path is used

Residual gruph after 2nd oiteration



After this there is no path possible from S to T