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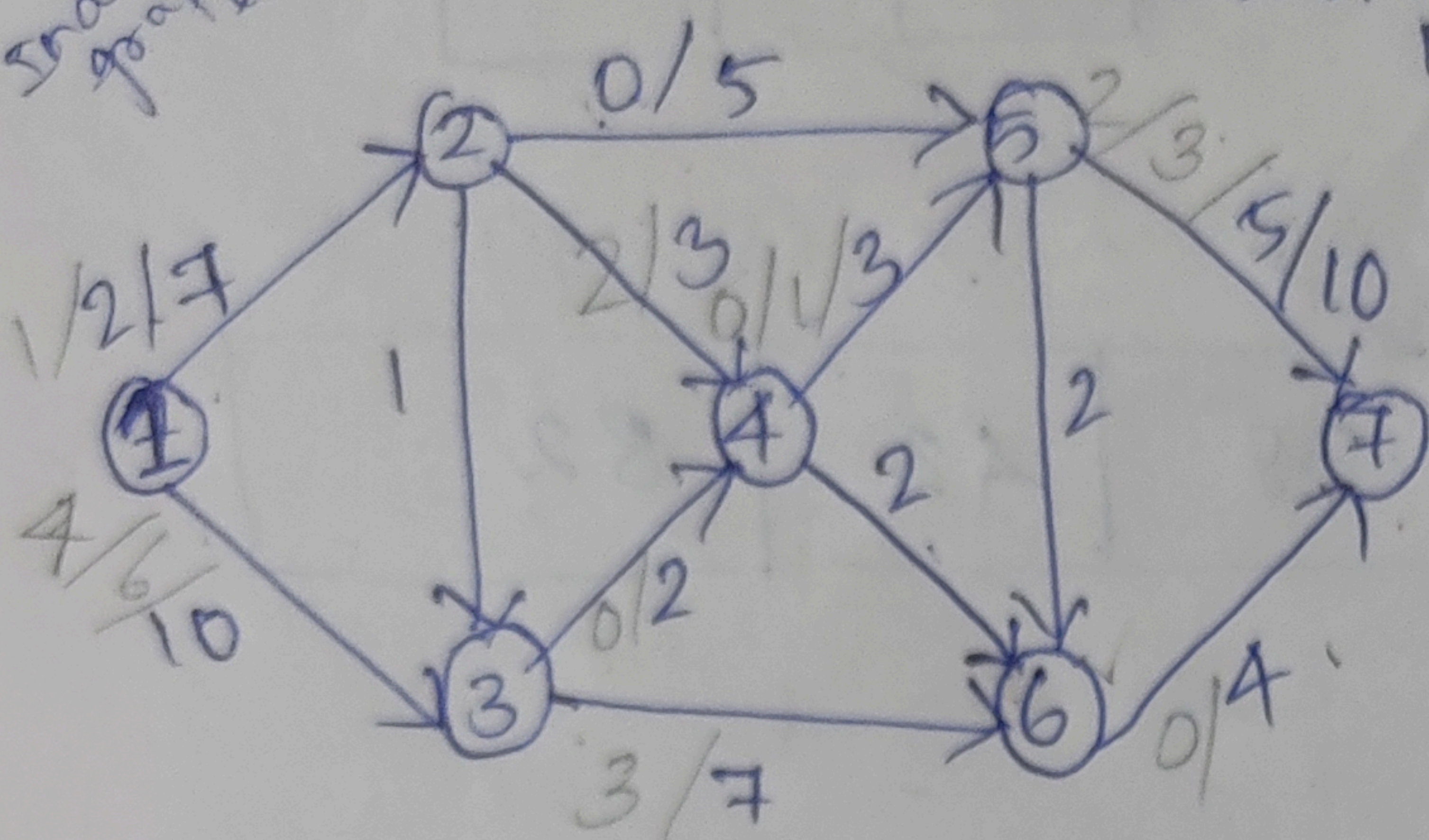
Unit - 4

Iterative

Maximum flow problem: → used in networks to find the max. capacity of network.

(or) Ford Fulkerson's Method.

Individual graph in iter.



Capacity [subtracting] is called as residual graph.

Here 1 is like sender
7 is sink

Path

Maximum flow

1-2-5-7

5

1-3-6-7

4

1-3-4-6-7

1-3-4-5-7

2

1-2-4-5-7

1

Maximum flow of graph

12

Augmentation graph