Terminologies

1) **Residual graph** : It is a graph which in-takes additional possible flow. If there is such path from source to sink, then there is a possibility to add flow.

2) **Residual capacity** : (Edge-flow) 🡪 Original capacity

3) **Minimal cut** : Known as **(bottle-neck capacity),** which decides the maximum possible flow from source to sink through an augmented path.

4) **Augmented path:** Can be done in two-ways

\*) Non-full forward edges  
\*) Non-empty backward edges

**Algorithm**1) Start with the initial flow as 0.  
2) While there is an augmented path from source to sink, then add this path flow to flow.  
3) Return flow.











