

Each node maintains voting summary, as key value and list of IPs that have casted votes. [IPs or anything else to determine uniqueness of vote]

Example:

"ALICE" 3

"BOB" 5

"CAT" 2

IPs: 0.0.0.1, 0.0.0.5, ... [Length of IPs list = Number of Total Votes Casted]

As per Gossip Protocol this Summary gets broadcasted to let's say 5 other peers, they "**Combine**" incoming summary with their own summary and broadcasts again. This way process continues...

To end the process, Design a function to check if a peer has received information of all votes. When, this gets true, disconnect it from network and show result locally.