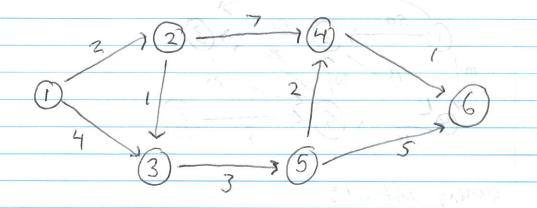
## Dickstra's Algorithm

single source shortest path to all verticer.



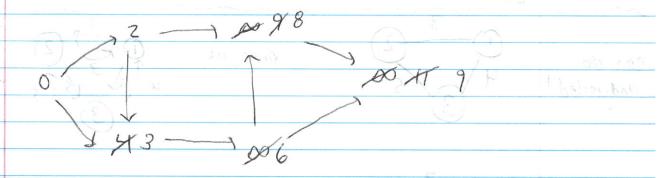
optimization, minimization, therefore Greedy!

mallex = 0 3 3 1 6 1 3 1 6

Relaxation is the updating.

if laca ] + c(u,v) L d[v]) 1/2+4 = 00

alcv] = d[u] + c(u,v)



how select smallest, which is 2 and cheeks dostances do relaxing if needed.

now we have vertex 1 to all offers

v: 23 4 5 6

dCv]: 23 8 6 9

