Assignment 4 7) clients: C1

7) clients:  $C_1, C_2 --- C_n$ base stations:  $b_1, b_2, b_3 --- b_k$ each client connect it exactly to one bose station

Constrainte:

• A client can only be connected to a base station within distance R

• No more than L clients can be connected.

No more than L clients can be considered to any single base station = 9 think this is the flow constraint.

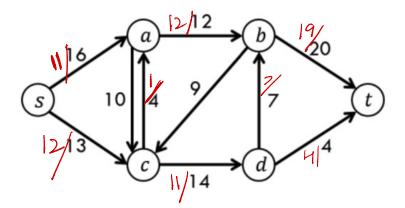
bo, b1, --- bn-1

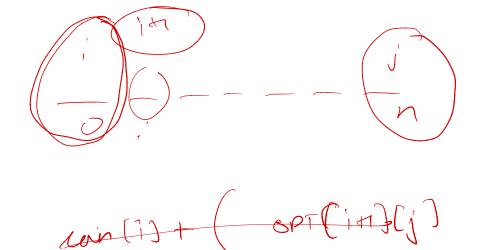
nums (a,b,c---) -> mubers on ballons

nums [i-1]. nums [i].nums [c+1] where

basecase = nums [-1]: nums [n] = 1

basecare = mg[-1]: me [m] = 1



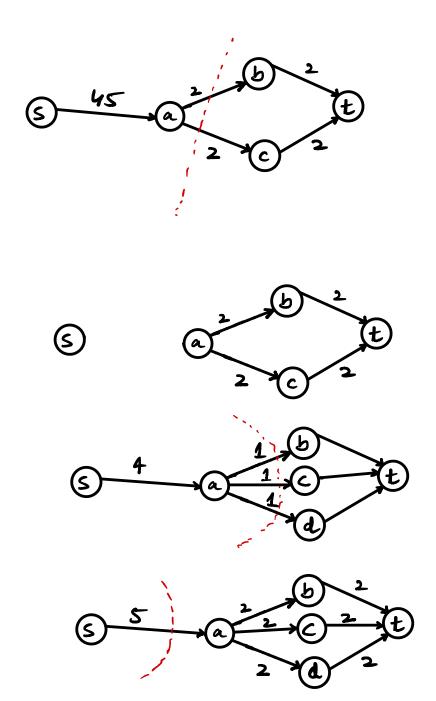


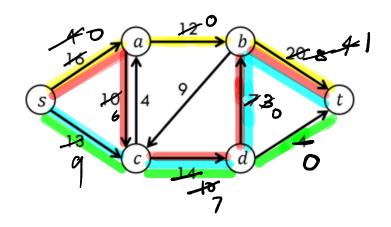
coin (1)+ mi (OPT (1+2)(j))

OPT (1+1)(j7)

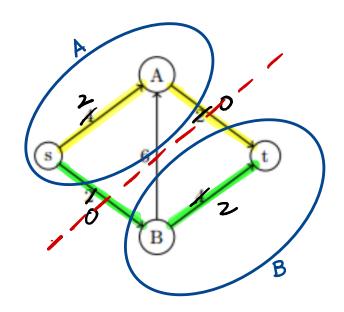
un (J) + mi ((in )(j-1)

(i) [i=2] )





FLOW PATH CHOSEN	Residual Flow
53a3b3t	12
soat codobat	4
Socodobod	3
53 C3 Q - 4	4
Max Flow	23



FLOW PATH CHOSEN	Residual Flow
tea es	2
S→B→大	2
Max Flow	4

