

Tuesday, Nov 8

[1] Welcome! Happy Election Day!

[2] HW 7 due next Tuesday

↳ Keep me posted on where you are w/ HW6

[3] Schedule update for next 2 weeks

- Tues 11/8: work

- Thurs 11/10: CPM

- Tues 11/15

- Thurs 11/17

} TSP

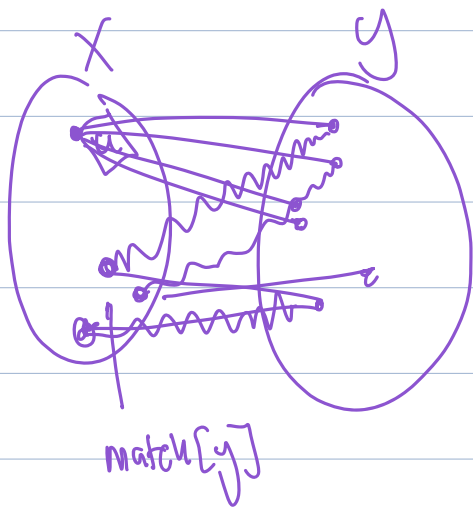
→ end of content, work days  
from this point on!

[4] Questions?

[5] Work Time

[6] Outro

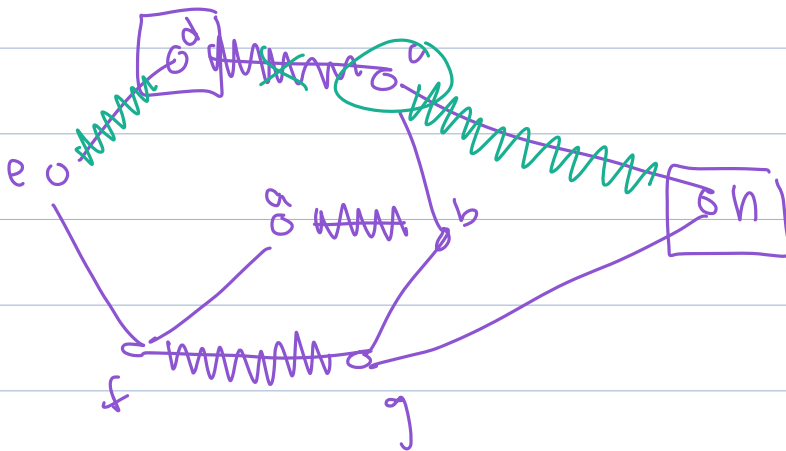
↳ none, work on hw/project



$S \rightarrow \text{Scan } Q = [u, \text{match}[y], \dots]$

$NS = [y$

$\uparrow$   
aug. path reachable  
from  $u$



$\text{Scan } Q = [h, d, f$   
 $\uparrow$

Augment (e)

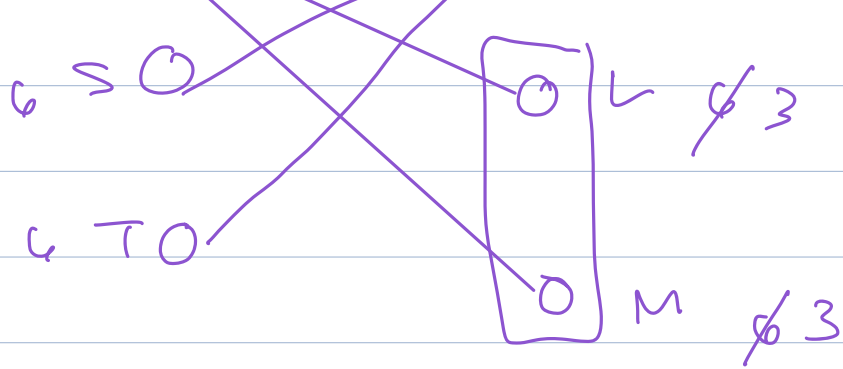
$NS = [c, g, e$

$\text{Match}[e] = d$

$\text{prev pt}[c] = h$   
 $\text{prev pt}[e] = d$

$\text{Match}[d] = e$





$$\varepsilon = \min \{ y_u + y_v - c_{uv} : uv \in E \} = 3$$

$$y = \begin{cases} y_v - \varepsilon & S \\ y_v + \varepsilon & N_v(S) \\ y_v & \end{cases}$$