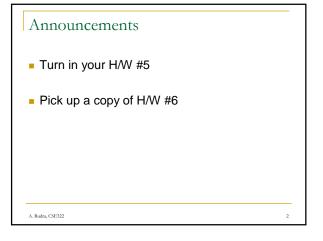
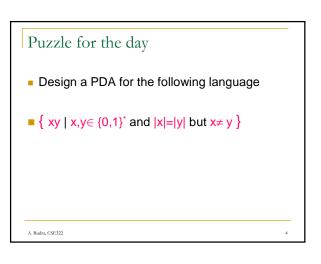
Formal definition of PDAs Atri Rudra May 12

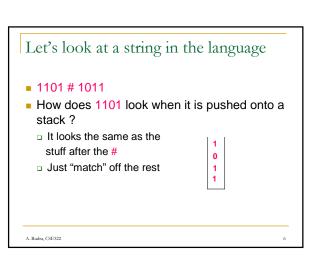


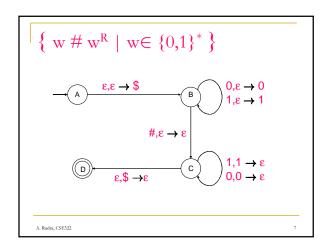
A request If you do not understand something in class, ASK a question Even if it is a doubt in the slides Where I am thinking of going a bit fast

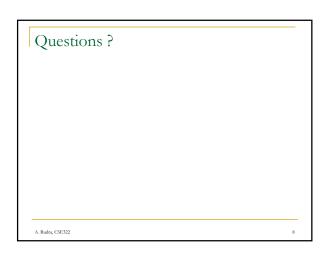


Last Lecture

■ Designed a few Push Down Automatons
□ PDA = DFA + stack
■ Let's recap by another example
■ { w # w^R | w∈ {0,1}* }







Formal definition of a PDA

PDA M = $\langle Q, \Sigma, \Gamma, \delta, s, F \rangle$ Q: set of states Σ : input alphabet Γ : stack alphabet Σ : sta

Up next...

• Use non-determinism more critically

• $\{ ww^R \mid w \in \{0,1\}^* \}$

