

CS 170

2.11 LECTURE 8

GREEDY ALGORITHMS

At every step, choose the next step based on local info, without planning future.

Say you have assignments  $a_1, \dots, a_n$  with deadlines  $d_1, \dots, d_n$ , but some overlap. How can you optimize the way/number you complete? Takes 1 hour to do each.

Pick unexpired  $a_i$  with closest deadline

