CMPSC 250 Analysis of Algorithms

Spring 2016 MWF 1:30-2:20 Lab F 2:30-4:20

Prerequisites: CMPSC 112 and MATH 205

- Understand how to analyze algorithm performance!
- Discuss common algorithms for sorting, searching, strings, and graphs!
- Learn classes of algorithms: greedy algorithms,
 - dynamic programming, and pattern matching!

Design your own algorithm to solve a real-world

/ next character matches // is all of P matched? print "Pattern occurs with shift" // look for the next match

challenge!

 $q = \pi [q]$