Pattern Matching

KMP Algorithm: Let $p = entente$ and $t = tentententen$

- Use KMP algorithm to compute shift table and find $p$ in $t$
- Note: You need to show all steps

Rabin-Karp Algorithm: Let $p = 0010010$ and $t = 1001100100100$

- Use Rabin-Karp algorithm to compute fingerprint table for $t$
- Note: You need to show all steps

Dynamic programming problems:

Question 1: Class notes, page 54, Multistage graphs problem

Page 2: Question #2

Page 5: Question #2

NP-complete problems:

Page 3: The AIRLINE Problem

Page 6: Scheduling Jobs with Late Penalty Problem