HOORSPOOLS

Match Table

A	B	C	D	E	F	G
2	1	3	3	3	3	3

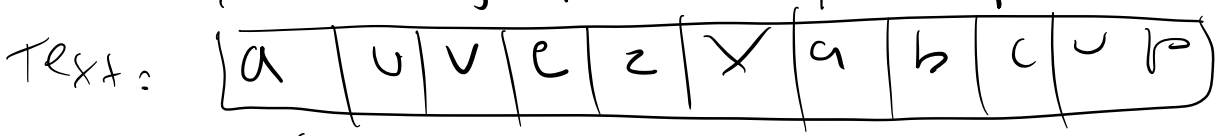
Pattern: "abc"

a	b	c
2	1	3

Size of Pattern = 3
(prof likes to use m)

Match!

Size of text = n



m = 3
n = 11

[a b c]

O(m·n) - worst
O(n) - average
min comparisons = n/m

1. Start pattern at front.
2. check last letter for match.
   while there's a match, check next letter back. If they all match return the index at the start of matching string.

   If there isn't a match: Index into the Match Table for the letter, and advance the pattern by the indexed #.
3. Stop at the end of the pattern.