FINAL REVIEW SHEET

1. Kmp failure table

while j < length of pattern do

if pattern[i] = pattern[j] then

i ← i + 1

failureTable[j] ← i

j ← j + 1

else

if i = 0 then

failureTable[j] ← 0

j ← j + 1

else

i ← failureTable[i − 1]return failureTable

1. Kmp

Loop condition : (textIndex + p.length() – patternIndex <= t.length()

Three cases : 1. PatternIndex = 0 :

TextIndex ++;