Algorithms and Problem Solving (15B11CI411) Tutorial – 13 Week 13 (23-28 April, 2018) (Strings)

- Q1. Show the comparisons the naive string matcher makes for the pattern P=0001 in the text T=000010001010001.
- Q2. How many spurious hits does the Rabin-Karp matcher encounter in the text T=3141592653589793 when looking for the pattern P=26 and modulo q=11?
- Q3. Construct the string-matching automaton for the pattern P=aabab and illustrate its operation on the text string T = aaababaabaabaabaaba.
- Q5. Compute the prefix function Π for the pattern ababbabbabbabbabbabbabbab.