Sub-String Search Algorithm

Report :

**Assumption :**

We neglect the time complexity of union operation.

**Design Method:**

KMP and Union Algorithm

**Programming language** :

Python

**Why Python?**

Easy to implement and have good environment for Data Anaylsis.

**Result** :

Time Complexity = 2(M(N+K))

Space Complexity = O(M + 2(N + K))