1.使用 KMP 演算法,將第一個字串當作 pattern,並且使用 fail function 的概念建造一個一維表,再將 所有輸入的字串用此表匹配,一旦發現匹配成功就輸出他是第幾個單字。
2.

```
tocknicsu@tocknicsu-Aspire-E1-772G: ~/oj/lab/104_1/ds/hw1
                                                                                                   - +
                                                                                                          ×
[tocknicsust
                          spire-E1-7726] - [~/oj/lab/104_1/ds/hw1] - [2015-10-26 10:39:31]
test1.txt test1out.txt
[tocknicsustocknicsust]
[0] cat test1out.txt
                         Aspire-E1-772G] - [~/oj/lab/104_1/ds/hw1] - [2015-10-26 10:39:38]
0ms
13567912131619
 [tocknicsu@tocknicsu-Aspire-E1-772G] - [~/oj/lab/104_1/ds/hw1] - [2015-10-26 10:39:45]
-[0] ■
                           tocknicsu@tocknicsu-Aspire-E1-772G: ~/oj/lab/104_1/ds/hw1
  [tocknicsu
                       u-Aspire-E1-772G] - [~/oj/lab/104_1/ds/hw1] - [2015-10-26 10:39:45]
[0] ./a.out
test2.txt test2out.txt
[tocknicsu tocknicsu
[0] cat test2out.txt
                          spire-E1-772G] - [~/oj/lab/104_1/ds/hw1] - [2015-10-26 10:40:20]
0ms
135891012131313
[tocknicsu tocknicsu-Aspire-E1-772G] - [~/oj/lab/104_1/ds/hw1] - [2015-10-26 10:40:24]
                          tocknicsu@tocknicsu-Aspire-E1-772G: ~/oj/lab/104_1/ds/hw1
                                                                                                   - + \times
□[tocknicsu@
[0] ./a.out
                          Aspire-E1-772G] - [~/oj/lab/104_1/ds/hw1] - [2015-10-26 10:40:24]
test3.txt test3out.txt
                          spire-E1-7726] - [~/oj/lab/104_1/ds/hw1] - [2015-10-26 10:40:54]
[0] cat test3out.txt
0ms
12233333
  [tocknicsu=tocknicsu-Aspire-E1-7726] - [~/oj/lab/104_1/ds/hw1] - [2015-10-26 10:41:00]
 -[0]
```