

# FINITE-AUTOMATON-MATCHER( $T, \delta, n, m$ )

```
1   $q = 0$ 
2  for  $i = 1$  to  $n$ 
3       $q = \delta(q, T[i])$ 
4      if  $q == m$ 
5          print “Pattern occurs with shift”  $i - m$ 
```