

PREFIXTRIEMATCHING(*Text*, *Trie*)

symbol \leftarrow first letter of *Text*

v \leftarrow root of *Trie*

while forever

if *v* is a leaf in *Trie*

return the pattern spelled by the path from the root to *v*

else if there is an edge (*v*, *w*) in *Trie* labeled by *symbol*

symbol \leftarrow next letter of *Text*

v \leftarrow *w*

else

output “no matches found”

return

TRIEMATCHING(*Text*, *Trie*)

while *Text* is nonempty

PREFIXTRIEMATCHING(*Text*, *Trie*)

 remove first symbol from *Text*