

1.2/MainTrie.c

```
1  #include <stdio.h>
2  #include "Trie.h"
3
4
5  // Função principal
6  int main(){
7      // Chaves de entrada (use apenas 'a' a 'z' em minúsculas)
8      char chaves[][8] = {"the", "a", "there", "answer", "any", "by", "bye", "their"}
9      ;
10     char saida[][32] = {"Nao encontrada na TRIE", "Encontrada na TRIE"};
11
12     NO *raiz = criaNO();
13     // Construir a trie
14     int i;
15     for (i = 0; i < 8; i++)
16         inserir(raiz, chaves[i]);
17
18     // Buscar por diferentes chaves
19     printf("%s --- %s\n", "the", saida[buscar(raiz, "the")]);
20     printf("%s --- %s\n", "these", saida[buscar(raiz, "these")]);
21     printf("%s --- %s\n", "their", saida[buscar(raiz, "their")]);
22     printf("%s --- %s\n", "thaw", saida[buscar(raiz, "thaw")]);
23
24     imprimeTrie(raiz);
25
26     return 0;
27 }
```