

Submission

ID	DATE	PROBLEM	STATUS	CPU	LANG
	TEST CASES				
8201825	16:59:56	Trending Topic	✔ Accepted	0.03 s	C++
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FILENAME	FILESIZE	SHA-1 SUM	
trendingtopic.cpp	1905 bytes	20d8e786b9aa3935d2b66f8a35de3886cc35b174	download

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trendingtopic.cpp

```
1 #include <bits/stdc++.h>
2
3 using namespace std;
4
5 #define INF 9999
6 #define v vector
7 #define m map
8 #define FOR(i,A,B,C) for(auto i=A; i<B; i+=C)
9 #define FOR_TO(A,B) for(auto A : B)
10 #define CON 4
11
12     Help
13 int sem(int dia){
```

```

14     return (dia+1)%7;
15 }
16
17 void printResultado(m<int, set<string>>& arrAux, int cont, int n){
18     for(auto val = arrAux.rbegin();
19         cont<n && val != arrAux.rend();
20         val++){
21
22         FOR_TO(palabra, val->second){
23             cout<<palabra<<" ";
24             cout<<val->first<<endl;
25             cont++;
26
27         }
28     }
29 }
30
31 void actDicc(v<string> palabras[], int dia, m<string, int> &dicc){
32     FOR(i,0,palabras[dia].size(),1){
33
34         string words_vector = palabras[dia][i];
35
36         dicc[words_vector] -= 1;
37
38         if(dicc[words_vector] == 0){
39             dicc.erase(words_vector);
40         }
41     }
42 }
43
44 int main(){
45
46     v<string> palabras[20];
47
48     int dia = 0;
49     string cad;
50     string palabra;
51     int cont = 0;
52
53     //Maps
54     m<string, int> dicc;
55     Help t, set<string>> arrAux;
56
57     while(cin>>cad){

```

```

58     if(cad=="<text>"){
59
60         actDicc(palabras, dia, dicc);
61
62         palabras[dia].clear();
63         cin>>palabra;
64
65         while(palabra != "</text>"){
66
67             if(palabra.size() >= CON){
68
69                 palabras[dia].push_back(palabra);
70                 dicc[palabra]++;
71
72             }
73
74             cin>>palabra;
75         }
76
77         dia = sem(dia);
78     }
79
80 }
81
82 else{
83     int n; string aux;
84     cin>>n>>aux;
85
86     arrAux.clear();
87
88     FOR_T0(value,dicc){
89         if(value.second > 0){
90             arrAux[value.second].insert(value.first);
91         }
92     }
93
94     cont=0;
95     cout<<"<top "<<n<<">"<<endl;
96
97     printResultado(arrAux, cont, n);
98
99     cout<<"</top>"<<endl;
100 }
101 }

```

```
102
103     return 0;
104 }
```