

Submission

ID	DATE	PROBLEM	STATUS	CPU	LANG
	TEST CASES				
8199541	04:14:19	Trending Topic	✓ Accepted	0.02 s	C++
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FILENAME	FILESIZE	SHA-1 SUM	
trendingtopic.cpp	1536 bytes	1857aee4c9967b3a18fab7d8d515afc14c72609c	<div>download</div>

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trendingtopic.cpp

```
1 //https://open.kattis.com/problems/trendingtopic
2 #include<bits/stdc++.h>
3 int day = 0;
4 std::vector<std::string> words[7];
5 std::map<std::string, int> dict;
6 std::map<int, std::set<std::string> > reverse_dict;
7 void Solve(){
8 while(!std::cin.eof())
9 {
10     std::string X;
11     std::cin >> X;
12
13     if(X == "<text>") {
14         for(auto word: words[day]) {
15             dict[word]--;
16             if(dict[word] == 0) dict.erase(word);
17         }
18         words[day].clear();
19
20         std::string word;
21         std::cin >> word;
22         while(word != "</text>") {
23             if(word.length() >= 4) {
24                 words[day].push_back(word);
25                 dict[word]++;
26             }
27
28             std::cin >> word;
29         }
30
31         day = (day + 1) % 7;
32     }
33     else if(X == "<top>") {
34         int N; std::cin >> N;
35         std::string temp_ignore; std::cin >> temp_ignore;
36
37         reverse_dict.clear();
38         for(auto it: dict)
39         {
```



```
40         if(it.second > 0)
41         {
42             reverse_dict[it.second].insert(it.first);
43         }
44     }
45
46     int print_count = 0;
47     std::cout << "<top " << N << ">" << std::endl;
48     for(auto it = reverse_dict.rbegin();
49     print_count < N && it != reverse_dict.rend(); it++)
50     {
51         for(auto word: it->second)
52         {
53             std::cout << word << " " << it->first << std::endl;
54             print_count++;
55         }
56     }
57     std::cout << "</top>" << std::endl;
58 }
59 }
60 }
61
62
63 int main() {
64     std::ios_base::sync_with_stdio(false);
65     std::cin.tie(NULL);
66     Solve();
67 }
```

