

Runnable Thread Vowel Counter and Shared Location

Your cousin Sabari participated in Hackathon(24X2) session organized in his college. He came home very late around 3:00AM after completing the first session. Their project is to compute number of vowels from random web pages extracted from the website. They completed most of the code, But the application takes more time to compute 1000 pages. So he is very upset on and have no clue on improving his code to reduce the computation time.

He called you in the morning to discussion about this problem, You suggest him to use multiple thread to compute number of vowels in parallel. Number of vowels is maintained in a synchronized HashMap since its been accessed by multiple threads.

Caps and small letters are combined together in the map. But he request you to send him a sample code for his references. Can you help him with a reference code as per the below sample input and output to win this hackathan session.

Note:

Use Runnable interface in this example. **Dont use static variables for 5 vowel characters. Use Map.**

Sample input output:

Enter Number of Counters :

2

Enter text for counter 1 :

Everybody gotta learn some time

Enter text for counter 2 :

One,Two,Three,Four,Five,Six,Seven,Eight,Nine,Ten

Vowels count in given text are :

a:2 e:14 i:5 o:6 u:1