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Coding Arena



A B C D E F G H

Problem : Data Analysis of Process

Mr. Chintamani is Run Manager of one of the Finance Project. Due to some technical issue, he has observed that one core finance process is failing from past few months which causes a lot of rework and adjustments in ledgers. Chintamani has decided to do data analysis which will help him to find tenure and frequency of the error. He has asked Run team to closely monitor the system during the tenure.

Chintamani has monthly log of the finance process and he wants an automated technical process which can give day-wise number of failures that occurred during the month. Thus by doing data analysis he can take an action at the earliest. Your task is to write a program to read monthly log of the finance process and display day-wise total count with a keyword given as an input.

Input Format:

First line contains Keyword - Keyword to search in log file for analysis

Second line contains File Name - Name of monthly process log, where file contains date-wise log

Output Format:

Print the date-wise count of keyword, where first field is date and second field is total count of the keyword, delimited by whitespace

Constraints:

Log File should contain text data only and log file should contain date-wise logs of the process. Each log is on a separate line.

Keyword can be in alphanumeric format and input should allow space character also.

All counts should be in a separate line according to the date.

Example content of the file is shown below

```
2015-04-01 08:21:25 StandardWrapper[/admin:invoke]: error in Loading container servlet invoker
2015-04-02 01:46:09 WebappLoader[/admin]: in deploy JAR /WEB-INF/lib/struts.jar to F:\Apache\Tomcat
4.1\webapps\..\server\webapps\admin\WEB-INF\lib\struts.jar1
2015-04-03 01:46:09 WebappLoader[/admin]: error in deploy JAR /WEB-INF/lib/struts.jar to F:\Apache\Tomcat
4.1\webapps\..\server\webapps\admin\WEB-INF\lib\struts.jar2
2015-04-03 01:46:09 WebappLoader[/admin]: error in deploy JAR /WEB-INF/lib/struts.jar to F:\Apache\Tomcat
4.1\webapps\..\server\webapps\admin\WEB-INF\lib\struts.jar2
```

Sample Input and Output

SNo.	Input	Output
1	error log.txt	2015-04-01 1 2015-04-03 2

Assume that the example content is contained in log.txt. This produces output as shown above.

Note:

Please do not use package and namespace in your code. For object oriented languages your code should be written in one class.

Note:

Participants submitting solutions in C language should not use functions from <conio.h> / <process.h> as these files do not exist in gcc

Note:

For C and C++, return type of main() function should be int.

Time Left

hr min sec

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Submit Answer

☐ I, **CHANDRAMANI ADIL** confirm that the answer submitted is my own.

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