#include <cstdio>

#include <string>

#include <cstring>

#include <map>

#include <set>

#include <iostream>

#include <fstream>

#include <iterator>

using namespace std;

set <string> stopwords;

map <string,int> freq;

bool isLetter(char x)

{

if((x>64 && 91>x) || (x>96 && 123>x))

return true;

return false;

}

int main()

{

ifstream file;

string x;

int count=0;

file.open ("stopwords.txt", ifstream::in);

while(file.good())

{

file >> x;

if(x.length()!=1)

stopwords.insert(x);

}

file.close();

file.open ("input.txt", ifstream::in);

char y;

while(file.good())

{

file.get(y);

if(isLetter(y))

{

x=x+y;

}

else

{

if(stopwords.find(x)!=stopwords.end())//found

{

count++;

freq[x]++;

//cout <<x<<endl;

}

x.clear();

}

}

file.close();

int tempint=0;

map<string,int>::iterator tempitr;

for (map<string,int>::iterator it=freq.begin(); it!=freq.end(); ++it)

{

tempint=0;

for (map<string,int>::iterator it2=freq.begin(); it2!=freq.end(); ++it2)

if(it2->second > tempint)

{

tempint=it2->second;

tempitr=it2;

}

cout << tempitr->first << " " << tempitr->second<<" "<< (float)tempitr->second/float(count)\*100<<endl;

tempitr->second=0;

}

}