#include <iostream>

#include <string>

using namespace std;

bool prov(string o,int l)

{

if ((o[l] == 'A') || (o[l] == 'E') || (o[l] == 'I') || (o[l] == 'O') || (o[l] == 'U') || (o[l] == 'a') || (o[l] == 'e') || (o[l] == 'i') || (o[l] == 'o') || (o[l] == 'u'))

return true;

else

return false;

}

int main()

{

unsigned int m[41],b[256];

unsigned int i, j, k,n,k1;

string s;

cout << "Input 10 lines" << endl;

for (i = 0; i < 10; i++)

{

b[i] = 0;

cout << "Input s:" << endl;

j = 1;

for (k = 0; k < 41; k++)

m[k] = 0;

getline(cin, s);

k1 = 0;

while (isspace(s[k1]))

k1++;

for (k=k1; s[k] != '.'; k++)

{

if (s[k] != ' ')

{

if (k > 0)

{

if ((s[k - 1] == ' ') && (prov(s, k)))

m[j] = 1;

}

else if (prov(s, k))

m[j] = 1;

}

else if (s[k + 1] != ' ')

j++;

}

n = j+1;

for (j = 1; j < n; j++)

b[i] += m[j];

}

cout << "Words num:" << endl;

for (i = 0; i < 2; i++)

cout << "In " << i+1 << " line there is " << b[i] << " words"<<endl;

return 0;

}