```cpp
#include<iostream>
using namespace std;
string ch;
void function_count(string ch)
{
    int c1=0;int c2=0;
    int i;
    for(i=0;i<=ch.length();i++)
    {

        if((ch[i]=='a')||(ch[i]=='e')||(ch[i]=='i')||
(ch[i]=='o')||(ch[i]=='u'))
        {

            c1=c1+1;
        }
        else if((ch[i]>='a')&&(ch[i]<='z'))
        {
            c2=c2+1;
        }
    }
    cout<<"the number of vowels are"<<c1<<"\n";
    cout<<"the number of consonants are"<<c2<<"\n";
}
class Cls
{
public:
    Cls()
    {
        cout<<"enter the string";
        getline(cin,ch);
    }
};
int main()
{
    Cls obj;
    function_count(ch);
    return 0;
}
```