

# ASSIGNMENT:8

## TASK: SCOPE RESOLUTION OPERATOR

```
#include<iostream>

#include<string.h>

using namespace std;

int main()
{
    char str[50];
    int v=0, c=0;
    cout<<"enter a string:";
    gets(str);
    for(int i=0;str[i]!='\0';++i)
    {
        if (str[i]=='a'||str[i]=='e'||str[i]=='i'||str[i]=='o'||str[i]=='u'
            ||str[i]=='A'||str[i]=='E'||str[i]=='I'||str[i]=='O'||str[i]=='U')
            ++v;
        else if ((str[i]>='a'&&str[i]<='z')||(str[i]>='A'&&str[i]<='Z'))
            ++c;
    }
    cout<<"number of vowels:"<<v;
    cout<<"\nnumber of consonants:"<<c;
    return 0;
}
```