**Task: Scope Resolution operator**

#include<iostream>

#include<string>

using namespace std;

class comp

{

public:

void count();

};

void comp::count()

{

char str[50];

cout<<"Enter string: ";

gets(str);

int n,i,v=0,c=0;

for(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;

}

else

{

cout<<"String contains other than words!";

}

}

cout<<"\nNumber of vowels: "<<v;

cout<<"\nNumber of consonents: "<<c;

}

int main()

{

comp a;

a.count();

return 0;

}