#include<stdio.h>  
#include<conio.h>  
int main()  
{

char string [50];

int c = 0, count[5] = {0};

int vowels = 0, i = 0;  
clrscr();

printf("Enter a string**\n**");

gets(string);

while (string[c] != '**\0**')

{

if (string[c] == 'a' ||string[c] == 'e'||string[c] == 'i'

string[c] == 'o' ||string[c] == 'u')

count[string[c]]++;

c++;

}

for (c = 0; c < 5; c++)

{

if (count[c] != 0)

printf("%c occurs %d times in the entered string.**\n**",c+'a',count[c]);

}

 while(string [i] != ‘\0′)  
{  
if(string [i]==’A’ || string [i]==’a’ || string [i]==’E’ || string [i]==’e’ || string [i]==’I’ || string [i]==’i’ ||  
string [i]==’O’ || string [i]==’o’ || string [i]==’U’ || string [i]==’u’)  
vowels++;  
i++;  
}  
printf(“\n\n\t THE TOTAL NUMBER OF VOWELS IS…: %d”, vowels);

return 0;  
getch();  
}