#include<stdio.h>

#include<string.h>

int count\_vowels(char \*str);

int main()

{

char str[100];

printf("Enter any string :: ");

gets(str);

printf("\n Total no. of vowels in String [ %s ] = %d\n",str,count\_vowels(str));

return 0;

}

int count\_vowels(char \*str)

{

if(\*str == '\0')

return 0;

switch(\*str)

{

case 'A': case 'a':

case 'E': case 'e':

case 'I': case 'i':

case 'O': case 'o':

case 'U': case 'u':

return 1 + count\_vowels(str+1);

default:

return count\_vowels(str+1);

}

}