```c
#include <stdio.h>
#include <ctype.h>
#include <string.h>

int main(){

    char frase[30];
    int cont = 0, i;

    gets(frase);

    for(i = 0; i < strlen(frase); i++){

        frase[i] = toupper(frase[i]);

        if(frase[i] == 'A' || frase[i] == 'E' || frase[i] == 'I' ||
frase[i] == 'O' || frase[i] == 'U'){
//      if(frase[i] == 65  || frase[i] == 69  || frase[i] == 73  ||
frase[i] == 79  || frase[i] == 85){    // usa o valor ASCII do
caractere

            cont ++;
        }
    }

    printf("Total de vogais: %d\n", cont);

    return 0;
}
```