20 july

**C Program to display the number of vowels in a given character array.**

#include<stdio.h>

int main()

{

char str[100];

char \*ptr;

int cntV,cntC;

printf("Enter a string: ");

gets(str);

ptr=str;

cntV=cntC=0;

while(\*ptr!='\0')

{

if(\*ptr=='A' ||\*ptr=='E' ||\*ptr=='I' ||\*ptr=='O' ||\*ptr=='U' ||\*ptr=='a' ||\*ptr=='e' ||\*ptr=='i' ||\*ptr=='o' ||\*ptr=='u')

cntV++;

else

cntC++;

ptr++;

}

printf("Total number of vowels : %d\nTotal number of consonants : %d\n",cntV,cntC);

return 0;

}