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

int main()
{
char str[500];
int v=0,a=0,c=0,d=0,ws=0,sc=0,n;
printf("Enter a string:\n");
gets(str);
strlwr(str);
n=strlen(str);
for(int i=0;str[i]!='\0';++i)
{
if(str[i]=='a'||str[i]=='e'||str[i]=='i'||str[i]=='o'||str[i]=='u')
v++;
if(str[i]>='a'&& str[i]<='z')
a++;
c=a-v;
if(str[i]>='0'&& str[i]<='9')
d++;
if(str[i]=='')
ws++;
sc=n-v-c-d-ws;

printf("Vowel:%d",v);
printf("\nConsonants:%d",c);
printf("\n Digits:%d",d);
printf("\n Whitespaces:%d",ws);
printf("\n special characters:%d",sc);
getch();
return 0;
}
```