#include<stdio.h>

int main(){

char s[100];

int i,uppcasec=0,lowcasec=0,digitc=0,spacec=0,specialc=0;

printf("Enter a string");

gets(s);

for(i=0;s[i]!='\0';i++)

{

if(s[i]>='A'&&s[i]<='Z'){

uppcasec++;

}

else if(s[i]>='a'&&s[i]<='z'){

lowcasec++;

}

else if(s[i]==' '||s[i]=='\t'||s[i]=='|n'){

spacec++;

}

else{

specialc++;

}

}

printf("\nUpper case%d\n",uppcasec);

printf("\nLower case%d\n",lowcasec);

printf("\nDigits%d\n",digitc);

printf("\nSpaces%d\n",spacec);

printf("\nSpecial charcters%d\n",specialc);

return 0;

}