/\*Program to count number of spaces, digits, uppercase and lowercase letters in a file \*/

#include<iostream.h>

#include<fstream.h>

#include<ctype.h>

#include<string.h>

void main()

{

char ch;

int up=0,low=0,dig=0,spa=0;

fstream f;

f.open("File.txt",ios::in);

while(!f.eof())

{

f.get(ch);

if(isspace(ch))

spa++;

else if(islower(ch))

low++;

else if(isdigit(ch))

dig++;

else if(isupper(ch))

up++;

}

cout<<"No. of Upper case letters in file : "<<up<<endl;

cout<<"No.of lower case letters in file : "<<low<<endl;

cout<<"No. of Digits in file : "<<dig<<endl;

cout<<"No. of spaces in file : "<<spa<<endl;

f.close();

}

**OUTPUT**

