

```

%{
#include<stdio.h>
int lines=0, words=0,s_letters=0,c_letters=0, num=0,
spl_char=0,total=0;
}%
%%

\n { lines++; words++;}
[\\t ' '] words++;
[A-Z] c_letters++;
[a-z] s_letters++;
[0-9] num++;
. spl_char++;
%%

int main(void)
{
yyin= fopen("info.txt","r");
yylex();
total=s_letters+c_letters+num+spl_char;
printf("\\n This File contains ...");
printf("\\n lines : %d", lines);
printf("\\n words : %d", words);
printf("\\n small letters : %d", s_letters);
printf("\\n capital letters : %d",c_letters);
printf("\\n digits : %d", num);
printf("\\n special characters : %d",spl_char);
printf("\\n In total %d characters.\\n",total);
}

int yywrap(){
return(1);
}

```

```
C:\Users\Admin\Desktop\SPCC prac>flex exp2.1
```

```
C:\Users\Admin\Desktop\SPCC prac>gcc lex.yy.c
```

```
C:\Users\Admin\Desktop\SPCC prac>a.exe
```

```
This File contains ...  
lines : 2  
words : 7  
small letters : 22  
capital letters : 3  
digits : 6  
special characters : 5  
In total 36 characters.
```

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C:\Users\Admin\Desktop\SPCC prac>_
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