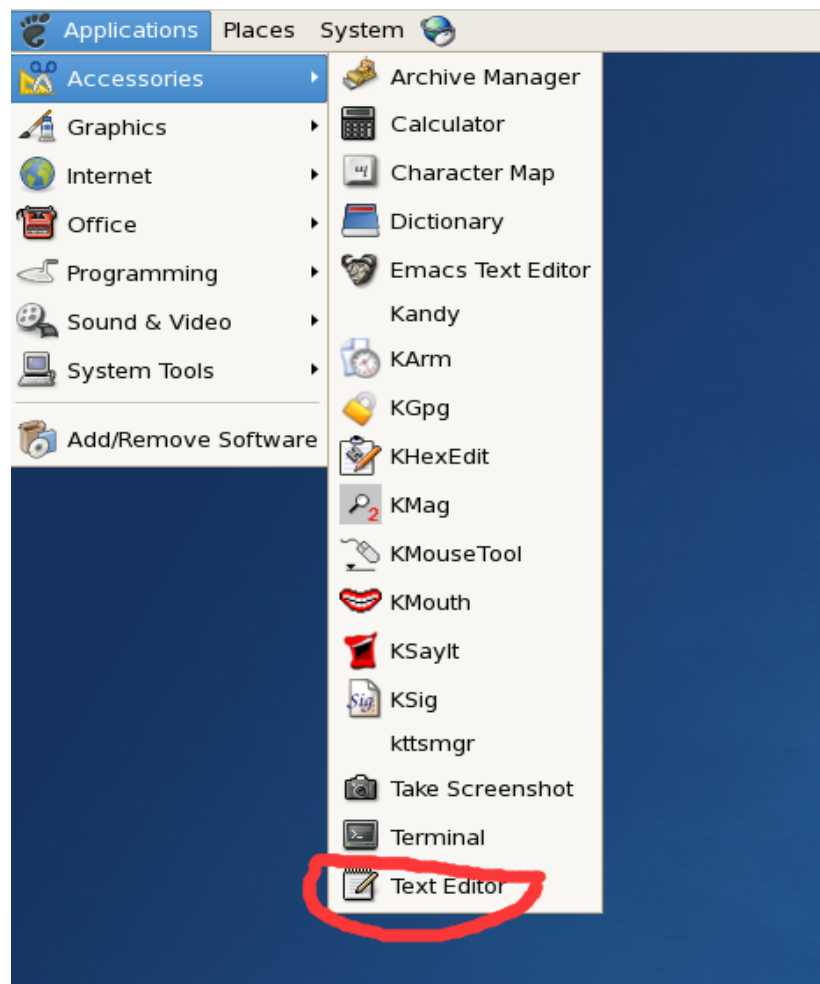
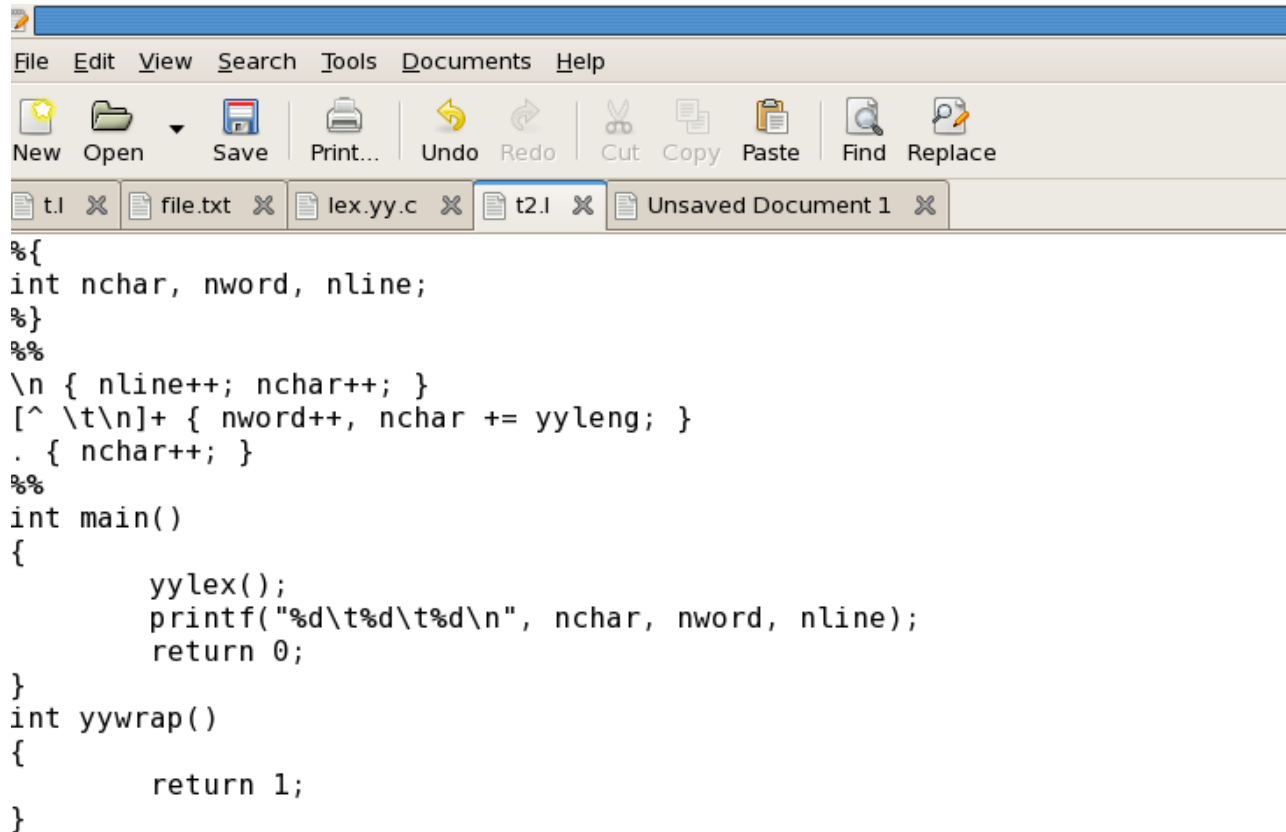


Flex 练习（Linux）

一、打开文本编辑器

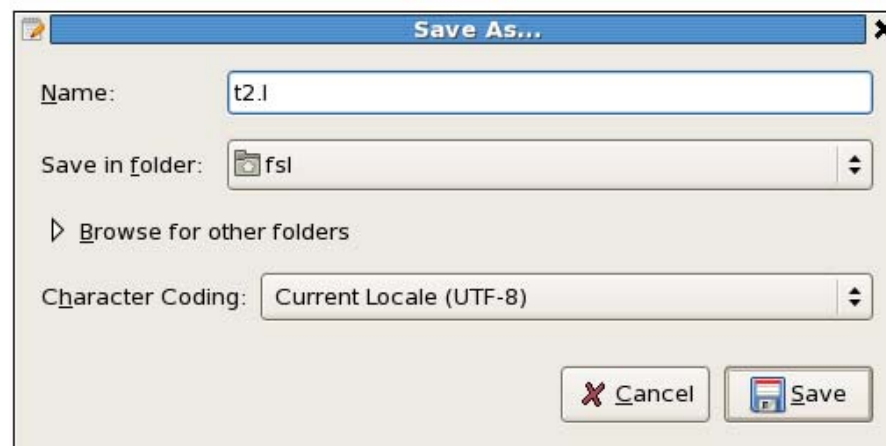


二、输入lex文件

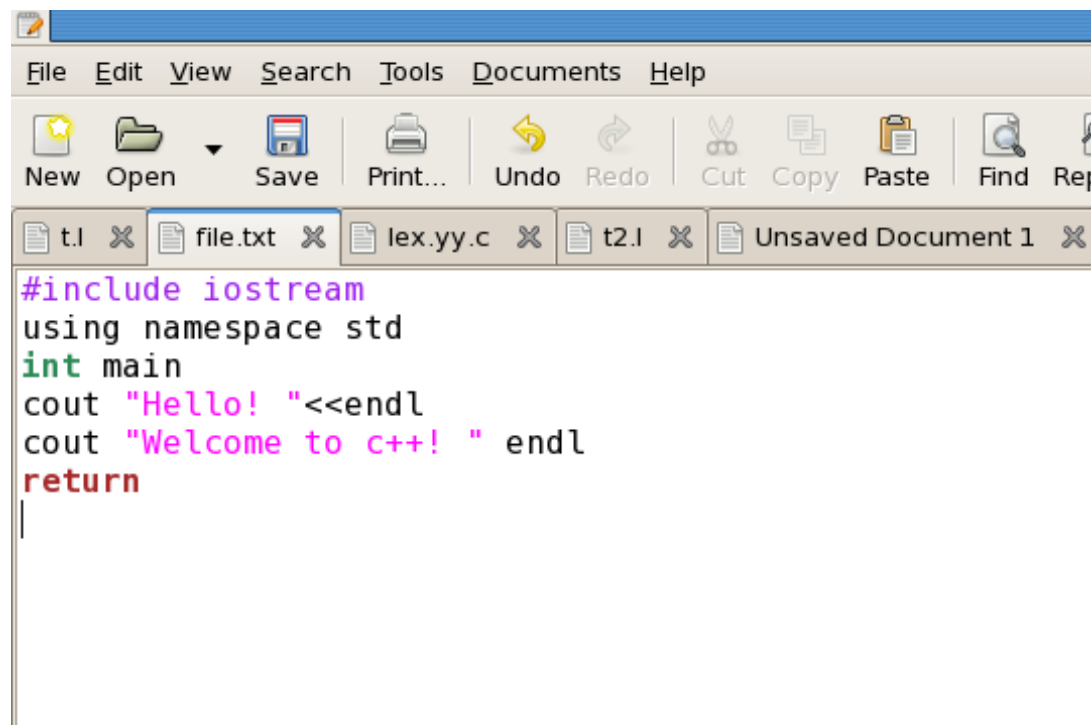


```
%{
int nchar, nword, nline;
}%
%%
\n { nline++; nchar++; }
[^ \t\n]+ { nword++, nchar += yyleng; }
. { nchar++; }
%%
int main()
{
    yylex();
    printf("%d\t%d\t%d\n", nchar, nword, nline);
    return 0;
}
int yywrap()
{
    return 1;
}
```

三、存储文件



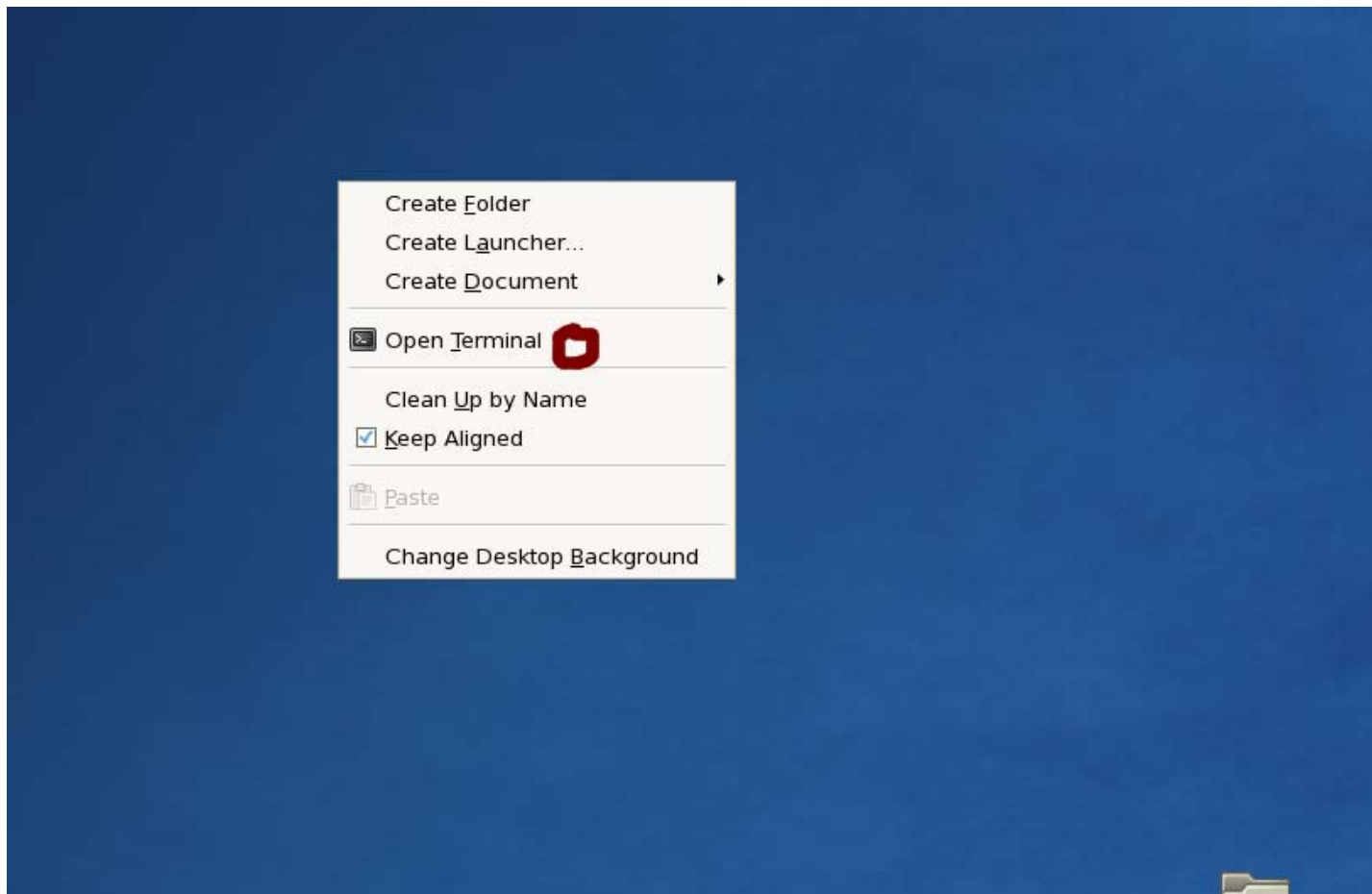
四、输入源程序



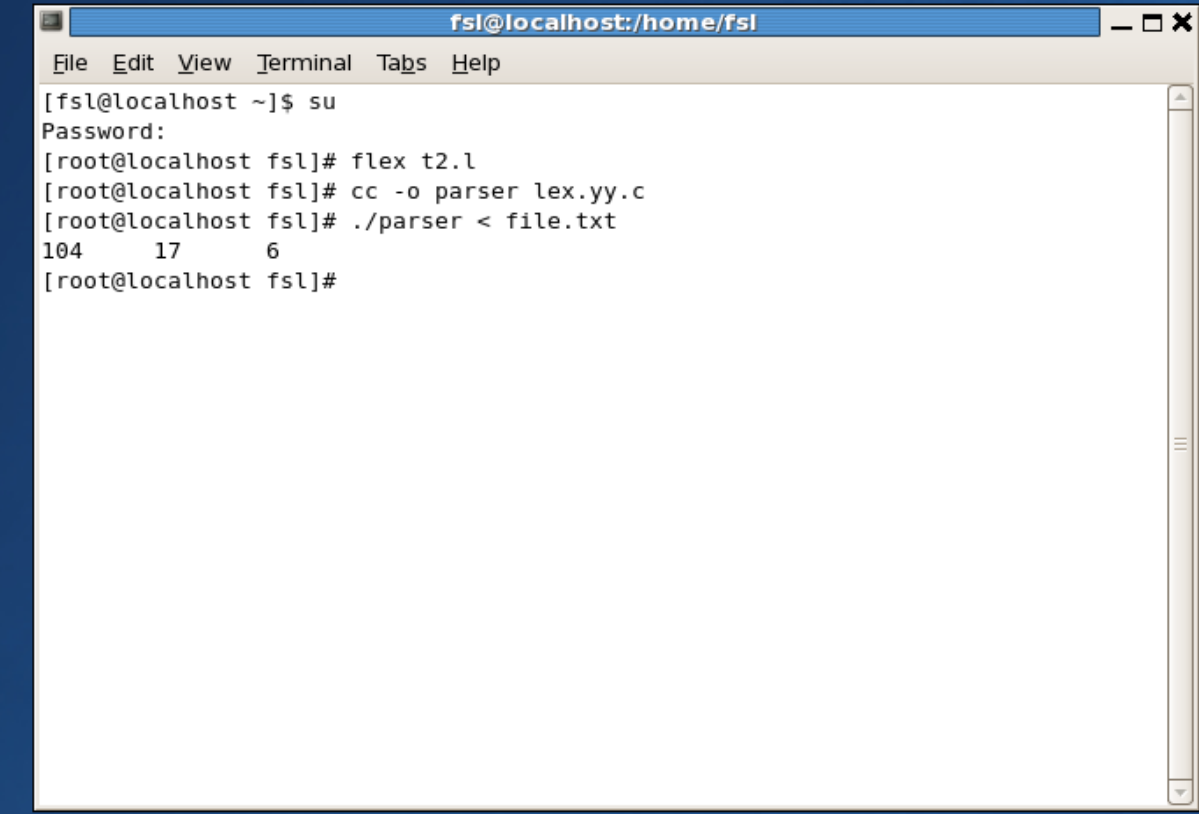
A screenshot of a text editor window. The title bar is blue. The menu bar includes File, Edit, View, Search, Tools, Documents, and Help. The toolbar contains icons for New, Open, Save, Print..., Undo, Redo, Cut, Copy, Paste, Find, and Replace. The tab bar shows five tabs: t.l, file.txt, lex.yy.c, t2.l, and Unsaved Document 1. The main text area contains the following C++ code:

```
#include iostream
using namespace std
int main
cout "Hello! "<<endl
cout "Welcome to c++! " endl
return
```

五、打开命令窗口



六、运行程序



```
fsl@localhost:/home/fsl
File Edit View Terminal Tabs Help
[fsl@localhost ~]$ su
Password:
[root@localhost fsl]# flex t2.l
[root@localhost fsl]# cc -o parser lex.yy.c
[root@localhost fsl]# ./parser < file.txt
104      17      6
[root@localhost fsl]#
```

A terminal window titled "fsl@localhost:/home/fsl" with a menu bar (File, Edit, View, Terminal, Tabs, Help). The terminal shows a user switching to root with 'su', then running 'flex t2.l', 'cc -o parser lex.yy.c', and './parser < file.txt'. The output of the parser is '104 17 6'.

```
[root@localhost liweitest]flex exsec.l
```

```
[root@localhost liweitest]cc -o parser lex.yy.c
```

```
[root@localhost liweitest]./parser < file.txt
```