



The image shows a Notepad++ window titled 'pr211 - Notepad' with a C program. The program defines a lexer function 'yywrap' and a 'main' function that uses 'flex' to process an input file 'pr21.1'. The 'main' function prints the number of characters, words, and lines. A Command Prompt window is overlaid on the Notepad window, showing the execution of the program. The Command Prompt shows the path 'C:\Users\ASUS>set path=C:\Program Files (x86)\GnuWin32\bin', the command 'C:\Users\ASUS>flex pr21.1', the path 'C:\Users\ASUS>set path=C:\MinGW\bin', the compilation command 'C:\Users\ASUS>gcc lex.yy.c', and the execution command 'C:\Users\ASUS>a.exe pr21.c'. The output of the program is displayed: 'Number of characters = 243', 'Number of words = 33', and 'Number of lines = 10'.

```
pr211 - Notepad
File Edit Format View Help
%{
int nchar, nword, nline;
}%
%%
\n { nline++; nchar++; }
[^ \t\n]+ { nword++, nchar += yyleng; }
. { nchar++; }
%%
int yywrap(void) {
return 1;
}
int main(int argc, char *argv[]) {
yyin = fopen(argv[1], "r");
yylex();
printf("Number of characters = %d\n", nchar);
printf("Number of words = %d\n", nword);
printf("Number of lines = %d\n", nline);
fclose(yyin);
}
```

```
cmd
C:\Users\ASUS>set path=C:\Program Files (x86)\GnuWin32\bin
C:\Users\ASUS>flex pr21.1
C:\Users\ASUS>set path=C:\MinGW\bin
C:\Users\ASUS>gcc lex.yy.c
C:\Users\ASUS>a.exe pr21.c
Number of characters = 243
Number of words = 33
Number of lines = 10
C:\Users\ASUS>
```

Ln 1, Col 1 100% Windows (CRLF) UTF-8