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Brastical No. 6
Title: Test lines ending with "som".
* Objective: Students will leaven and implement:
-> Scanner for counting well URLs.
Objective: Students will learn and implement: -> Scanner for sounting well URLs. -> Rules sections for such a scanner.
* Description:
i) Create a LEX file first.
ii) Do initialization for court.
iii) Write RE for the digit and for the att
alphaver.
iv) In Rules section write rules for counting
iv) In Rules section, write rules for counting with som".
execute the scanner for required
eneme the manner you are merpured
will "

Code:

```
%{
#include <stdio.h>
#include <string.h>
int count = 0;
%}
DIGIT [0-9]
ALPHA [a-zA-Z]
DOMAIN [a-zA-Z0-9.-]+
TLD \.com
%%
{DOMAIN}{TLD}
{
    printf("%s\n", yytext); // Print the matched .com website
    count++; // Increment the count for .com websites
}
%%
int main()
{
    yylex();
    printf("Total .com websites: %d\n", count);
    return 0;
}
int yywrap(void)
{
    return 1; // Return non-zero to indicate no more input files
}
```

Output:



