



ANJUMAN-I-ISLAM'S KALSEKAR TECHNICAL CAMPUS

School of Engineering & Technology

Affiliated to : University of Mumbai, Recognised by : DTE (Maharashtra) & Approved by : AICTE (New Delhi)

Course Code: CSL602	Course Name: SPCC LAB
Class : TE-CO B-3	Date: 8/04/2021
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Experiment :06

Aim: To study LEX tool & YACC tool for finding spaces , lines , characters, line in given text file.

Program:

```
%{  
int ch=0,wd=0,l=0,sp=0;  
%}  
%%  
(" ") {sp++;}  
[\n] {l++;}  
[^ \t \n]+ {wd++; ch=ch+yyleng;}  
%%  
int main()  
{  
    yyin=fopen("kit.txt","r");  
    yylex();  
    printf("char=%d \n words=%d \n spaces=%d \n lines=%d \n",ch,wd,sp,l);  
    return 0;  
}
```

Input:

a = B * aiktc

panvel aiktc

group 1



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Output:

```
char=26  
words=9  
spaces=6  
lines=5
```

Conclusion:

With the help of this Experiment we get to know about the LEX Program.