**Lex2.l:-->**

%{

int ch=0,bl=0,ln=0,wr=0;

%}

%%

[\n] {ln++;wr++;}

[\t] {bl++;wr++;}

[" "] {bl++;wr++;}

[^\n\t] {ch++;}

%%

int yywrap(void)

{

return 1;

}

int main()

{

FILE \*fp= fopen("hello.txt","r");

char file[10];

printf("FILE CONTENTS");

yyin=fp;

yylex();

printf("\n Total number of charachters=%d\nTotal number of words=%d\nTotal number of lines=%d\nTotal number of blankspaces=% d\n",ch,wr,ln,bl);

return 0;

}

**hello.txt:-->**

hi hello

**OUTPUT:-->**

student@student-OptiPlex-3020:~/lex2$ flex lex2.l

student@student-OptiPlex-3020:~/lex2$ cc lex.yy.c

student@student-OptiPlex-3020:~/lex2$ ./a.out

FILE CONTENTS

Total number of charachters=7

Total number of words=2

Total number of lines=1

Total number of blankspaces=1student@student-OptiPlex-3020:~/lex2$