**NAME : DHANRAJ SUBHASH KORE**

**SUB : COMPILER DESIGN LAB ASSIGNMENT**

**BATCH : B-3 ROLL NO : 60**

**Q. Implement LEX/FLEX code to count the number of characters, words and lines in an input file.**

**LEX CODE:**

%{

int lines=0, words=0, chars=0;

%}

%%

\n lines++;

[^ \n\t]+ {words++, chars=chars+yyleng;}

. {chars++;}

%%

int main()

{

    yyin = fopen("input.txt","r");

    yylex();

    printf("\tNo. of lines : %d\n",lines );

    printf("\tNo. of characters : %d\n",chars );

    printf("\tNo. of words : %d\n",words );

}

int yywrap(){return 1;}

**OUTPUT:**

