**NAME : DHANRAJ SUBHASH KORE**

**SUB : COMPILER DESIGN LAB ASSIGNMENT**

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

**Q. Convert all uppercase characters to lowercase except inside comments**

**LEX CODE:**

%{

#include<stdio.h>

%}

%%

[A-Z] printf("%c",yytext[0] - ('A' - 'a'));

"//".\*\n printf("%s",yytext);

"/\*" {

         char c;

         int done = 0;

         printf("%s",yytext);

         do {

          while ((c = input()) != '\*')

                printf("%c",c);

          printf("%c",c);

          while ((c = input()) == '\*')

                printf("%c",c);

          printf("%c",c);

          if (c == '/') done = 1;

         } while (!done);

    }

%%

int main()

{

  printf("Uppercase characters to lowercase except inside comments\n");

  yyin = fopen("input.txt","r");

  yylex();

  return 0;

}

int yywrap(){return 1;}

**OUTPUT:**

