ANTRIKSH SHARMA 20070122021

## **CC LAB 04** | Lowercase to Uppercase

**Aim:** LEX program for conversion of lower case to upper case and vice versa.

## Implementation:

```
%option noyywrap
%{
   #include <stdio.h>
%}
lower [a-z]
upper [A-Z]
%%
{lower} { printf("%c", yytext[0]- 32);}
{upper} { printf("%c", yytext[0] + 32);}
[ \t\n] { printf("%c", yytext[0]); }
. ECHO;
%%
int main(int argc, char *argv[])
    if (argc==2) {
       yyin=fopen(argv[1],"r");
    else {
        printf("\nEnter the input:\n");
        yyin=stdin;
    yylex();
    printf("\n");
    return 0;
```

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## **Input File:**

```
Assignment 04 > input.txt

Antriksh Sharma

Hello World
```

## **Output:**

