COMPILER DESIGN

ASSIGNMENT – 5

Name: Ajinkya Thakare

Class: TY – CS – B

Roll No.: 75

PRN: 12320070

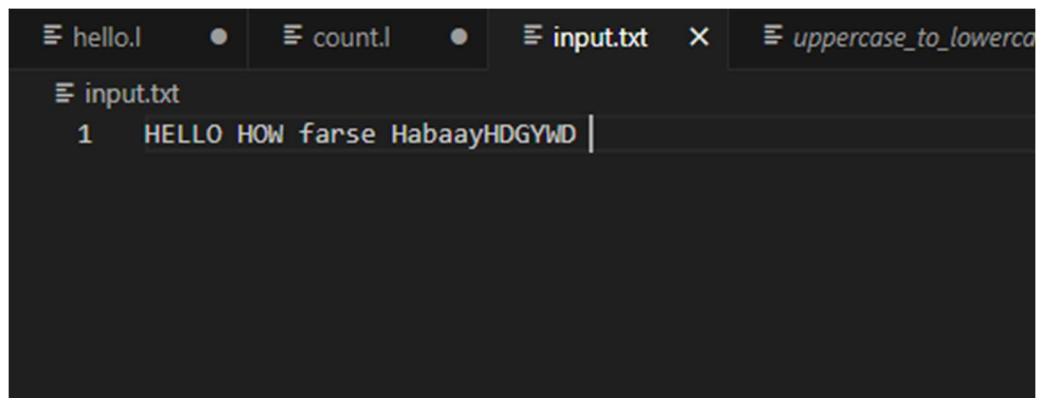**Q.Convert all uppercase characters to lowercase except inside comments.**

```
%{

#include <stdio.h>

#include <ctype.h>




int yywrap(void) {

    return 1;

}

%}




%%

"/*"([^*]|\*[^/])*"*/"  { ECHO; }
```

```
"//".*                        { ECHO; }



.    {

    putchar(tolower((unsigned char)yytext[0]));   }



%%



int main() {

    return 0;

}
```

Input file:

```
hello.l  ●   count.l  ●   input.txt  ×   uppercase_to_lowerca

input.txt
1    HELLO HOW farse HabaayHDGYWD |
```

Output:

```
collect2.exe: error: ld returned 1 exit status
PS D:\compiler design> flex convert_case.l
>>
PS D:\compiler design> gcc lex.yy.c -o convert_case
>>
PS D:\compiler design> Get-Content input.txt | ./convert_case
>>
hello how farse habaayhdgywd
PS D:\compiler design>
```