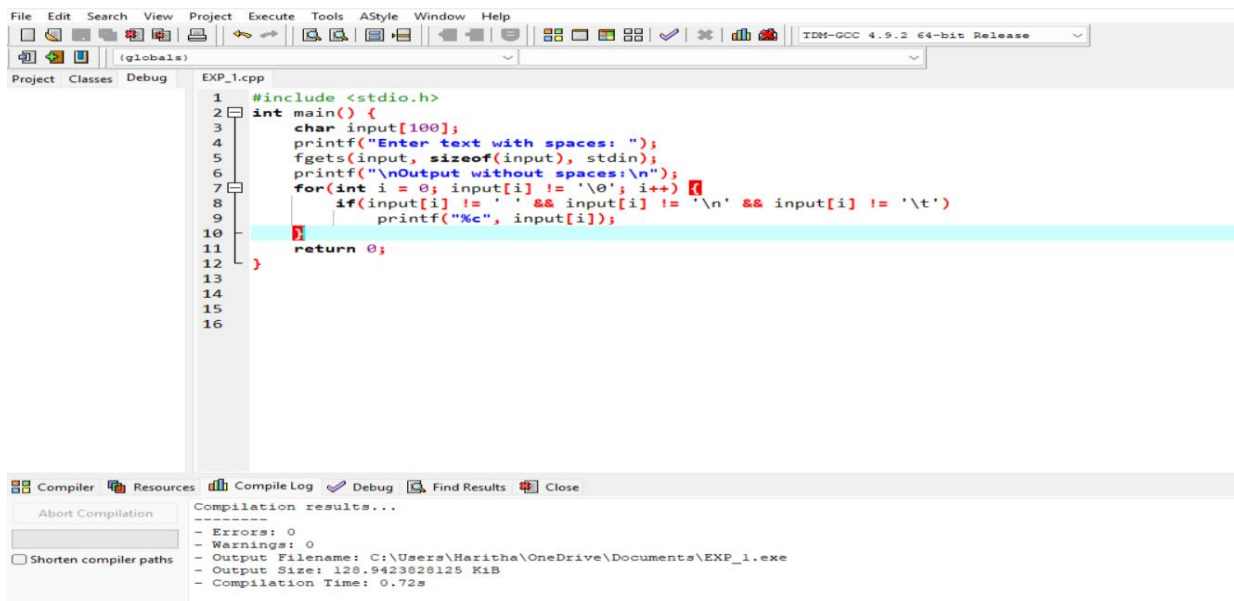


EXPERIMENT-4

AIM:

Design a lexical Analyzer to validate operators to recognize the operators +,-,*,/ using regular arithmetic operators using C

PROGRAM:

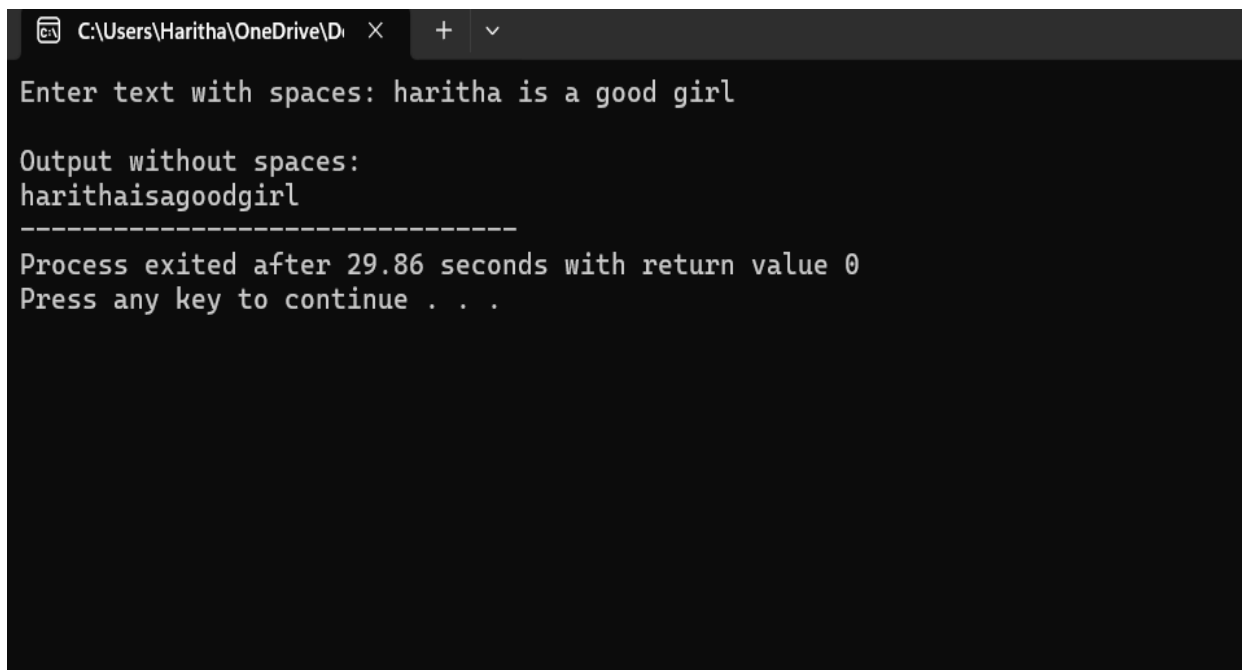


```
1 #include <stdio.h>
2 int main() {
3     char input[100];
4     printf("Enter text with spaces: ");
5     fgets(input, sizeof(input), stdin);
6     printf("\nOutput without spaces:\n");
7     for(int i = 0; input[i] != '\0'; i++) {
8         if(input[i] != ' ' && input[i] != '\n' && input[i] != '\t')
9             printf("%c", input[i]);
10    }
11    return 0;
12 }
13
14
15
16
```

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Haritha\OneDrive\Documents\EXP_1.exe
- Output Size: 128.9423828125 KiB
- Compilation Time: 0.72s

OUTPUT:



```
C:\Users\Haritha\OneDrive\Documents\EXP_1.exe
Enter text with spaces: haritha is a good girl

Output without spaces:
harithaisagoodgirl

-----
Process exited after 29.86 seconds with return value 0
Press any key to continue . . .
```