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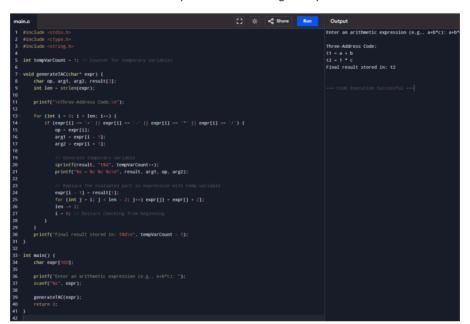
11. In a class of Grade 3, Mathematics Teacher asked for the Acronym PEMDAS?. All of them are thinking for a while. A smart kid of the class Kishore of the class says it is Parentheses, Exponentiation, Multiplication, Division, Addition, Subtraction. Can you write a C Program to help the students to understand about the operator precedence parsing for an expression containing more than one operator, the order of evaluation depends on the order of operations

12. The main function of the Intermediate code generation is producing three address code statements for a given input expression. The three address codes help in determining the sequence in which operations are actioned by the compiler. The key work of Intermediate code generators is to simplify the process of Code Generator. Write a C Program to

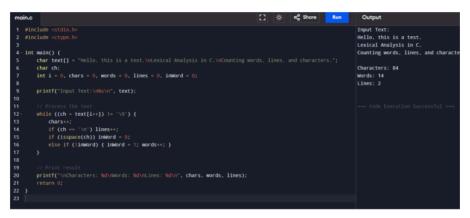
Generate the Three address code representation for the given input statement.



Generate the Three address code representation for the given input statement.



13. Write a C program for implementing a Lexical Analyzer to Count the number of characters, words, and lines



14. Write a C Program for code optimization to eliminate common subexpression.



15. Write a C program to implement the back end of the compiler.

```
# sinclude <stdoi.nb
# si
```

14. Write a C Program for code optimization to eliminate common subexpression.



15. Write a C program to implement the back end of the compiler.

```
| Minclude < stdio.h>
| Minclude < string.h>
| Minclude < string.h-
| M
```

LIST OF EXPERIMENTS

6.Implement a C program to eliminate left recursion

7.Implement a C program to eliminate left factoring.

```
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② ※ ◆ Phone No.

Output

# slichose_statio_b

# sinches_statio_b

# sinches_st
```

8.Implement a C program to perform symbol table operations.

```
### Company

| ### Seconds extring to the second process of the se
```

9.All languages have Grammar. When people frame a sentence we usually say whether the sentence is framed as per the rules of the Grammar or Not. Similarly use the same ideology, implement to check whether the given input string is satisfying the grammar or not.

```
Tablición scréichil

# Indición scréichil

#
```

9.All languages have Grammar. When people frame a sentence we usually say whether the sentence is framed as per the rules of the Grammar or Not. Similarly use the same ideology , implement to check whether the given input string is satisfying the grammar or not .

```
module

1 ##Echide cression.be

2 ##Echide cression.be

1 ##Echide cression.be

2 ##Echide cression.be

4 ##Echide cression.be

5 ##Echide cression.be

5 ##Echide cression.be

6 ##Echide cression.be

7 ##Echide cression.be

8 ##Echide cression.be

8 ##Echide cression.be

9 ##Echide cression.be

1 ##Echide cression.be

2 ##Echide cression.be
```

10. Write a C program to construct recursive descent parsing.