**Symbiosis Institute of Technology, Nagpur**



**Computer Science and Engineering Batch 2022-26**

**Course Name: Compiler Construction Lab**

**Name: Sujal Junghare**

**PRN: 22070521089**

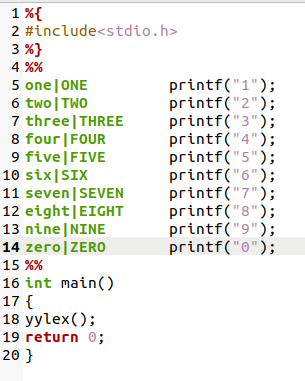
**Division: C**

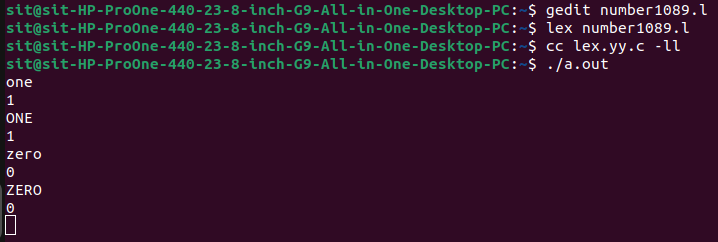
**Department: CSE**

**Semester-VII**

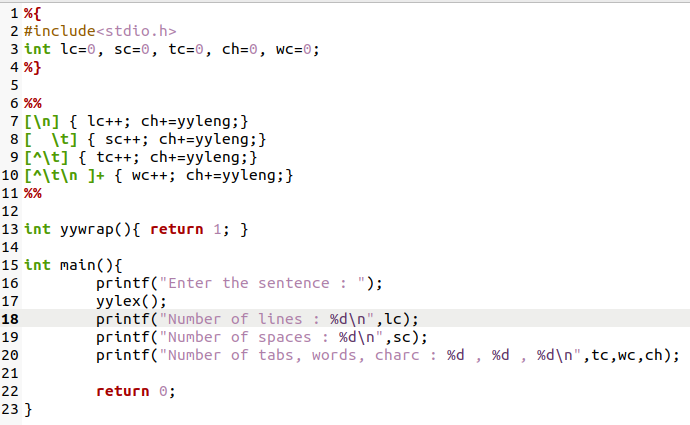
**Course Code: T7478**

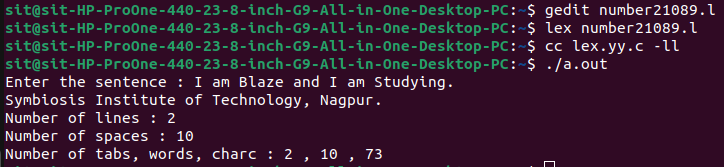
1. **Theory assignment for writing details about LEX and YACC compilation.**

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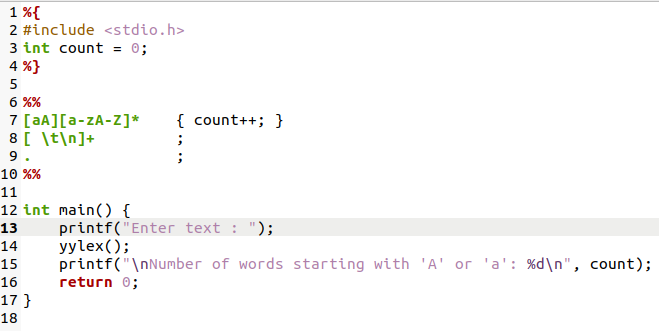
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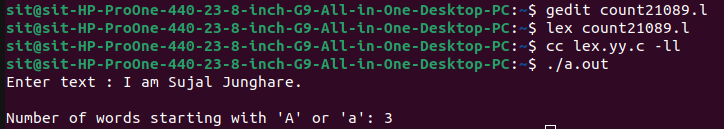
1. **Count the number of comments, keywords, identifiers, words, lines and spaces from input file.**

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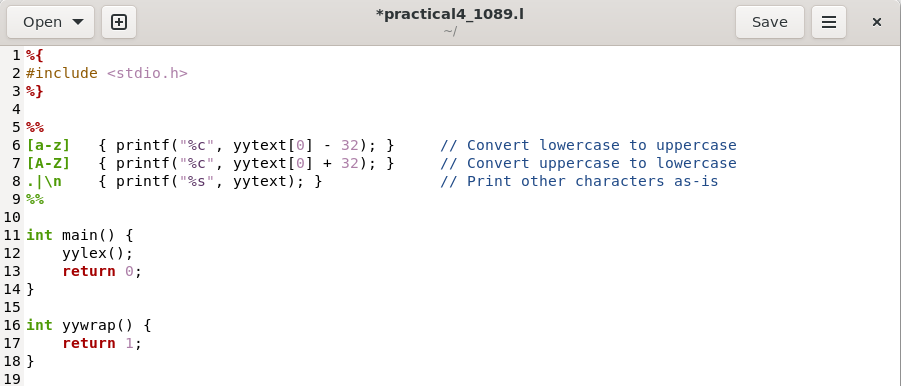
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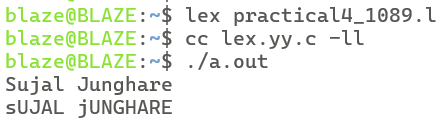
1. **Count number of words starting with 'A'.**

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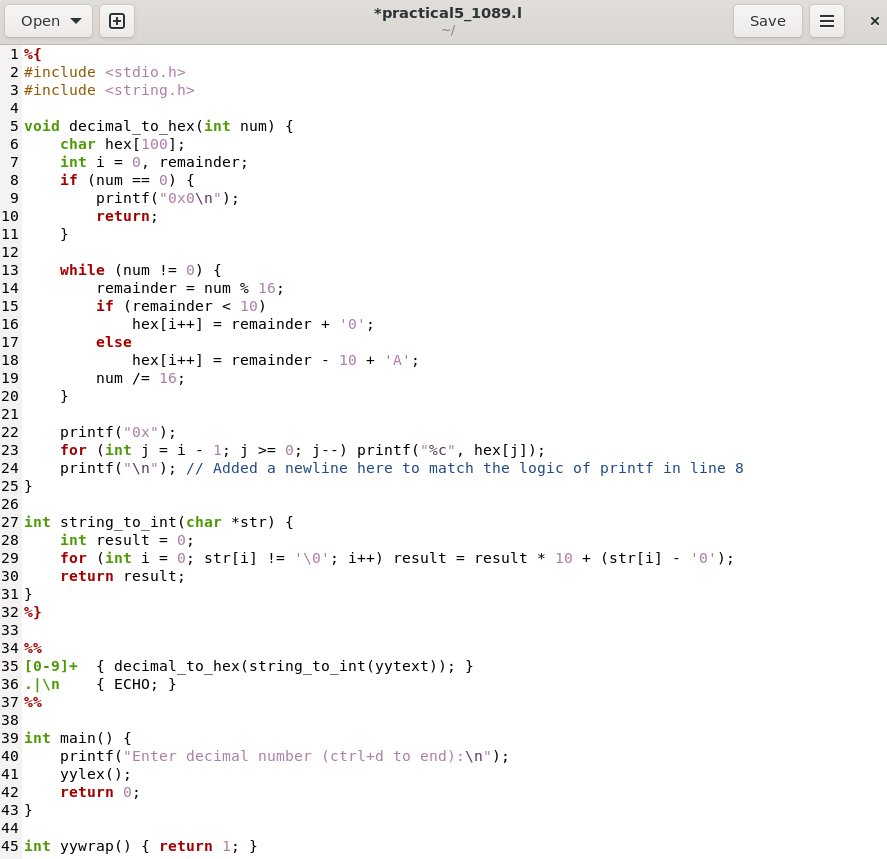
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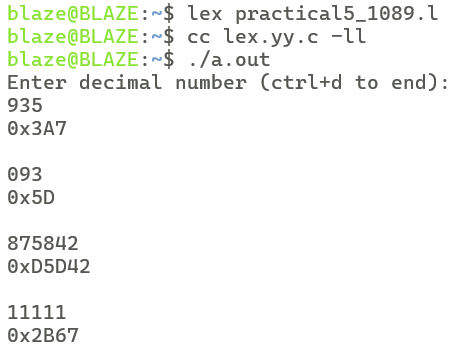
1. **Conversion of lowercase to uppercase and vice versa.**

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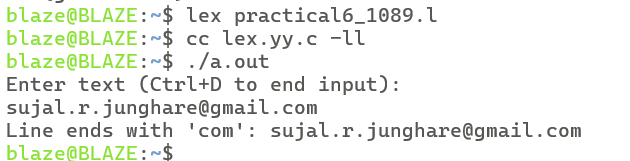
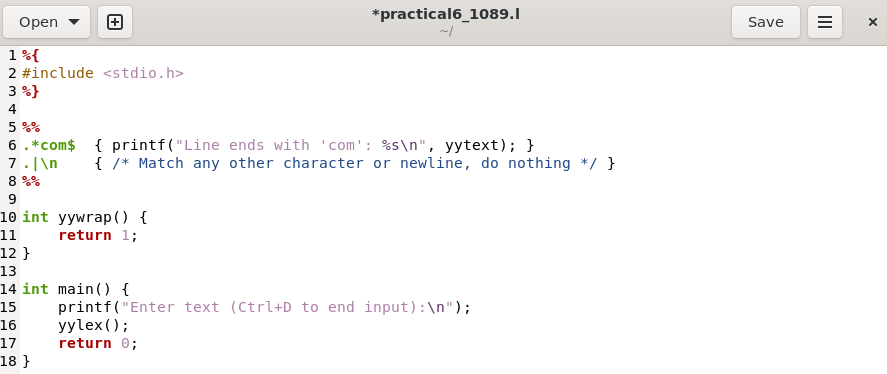
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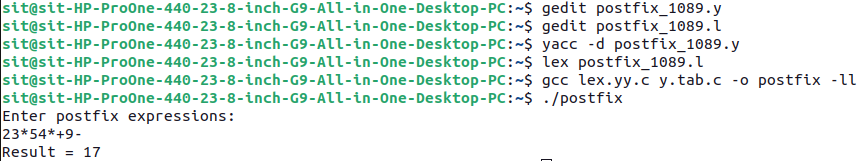
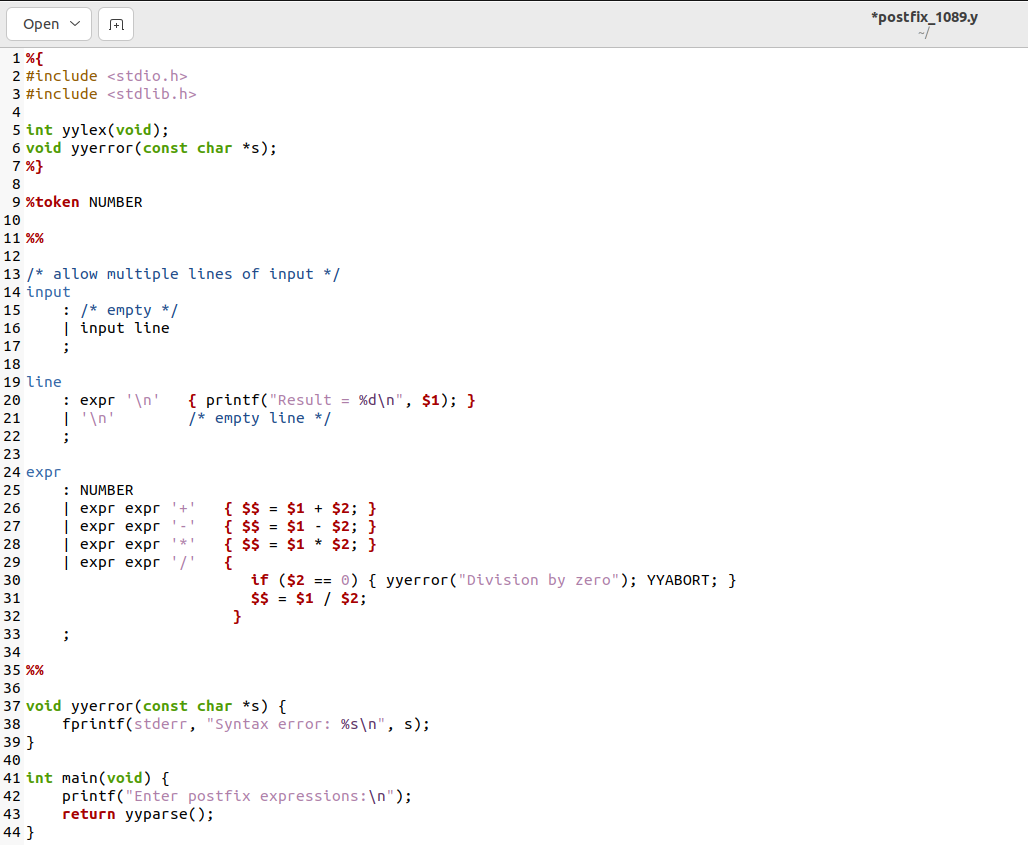
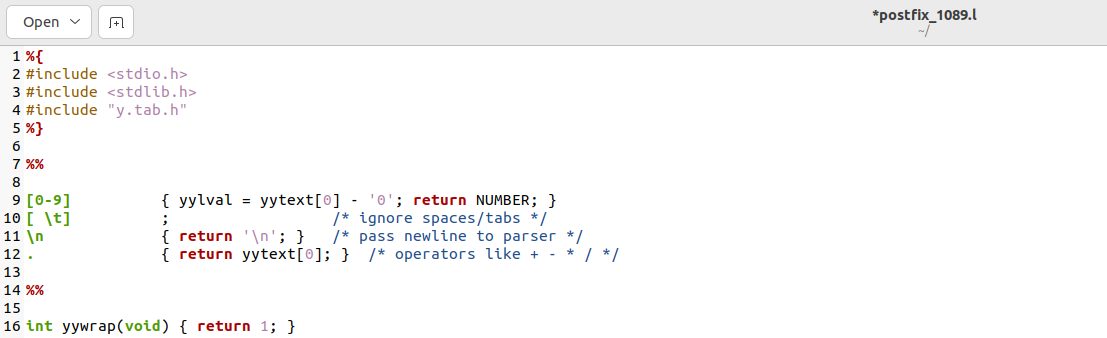
1. **Conversion of decimal to hexadecimal number in a file.**

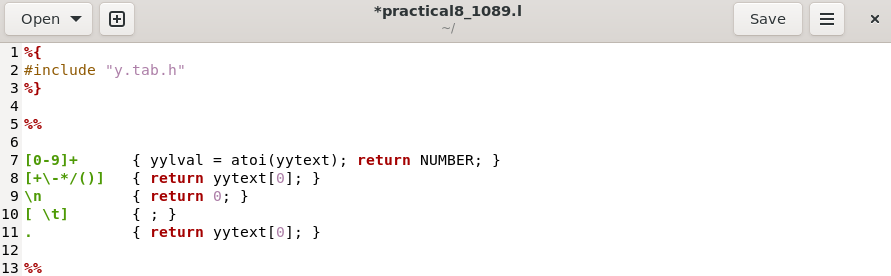
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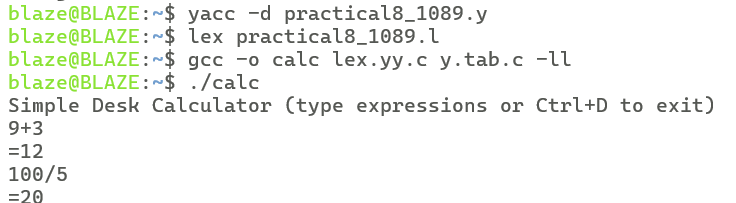
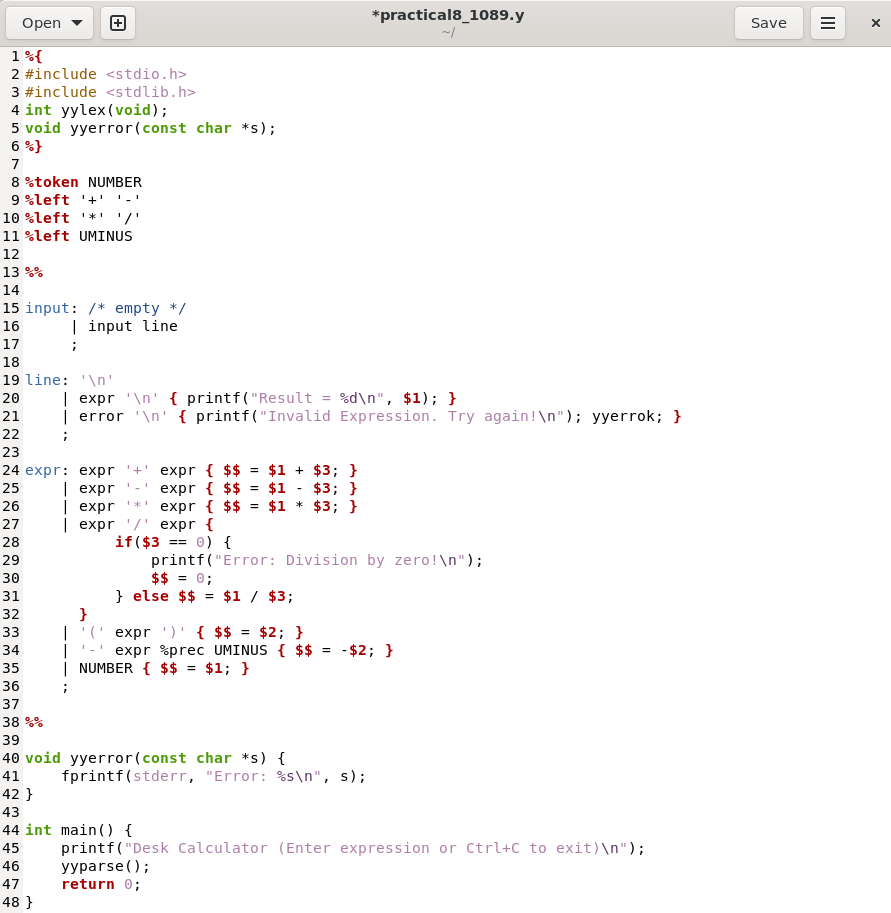
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1. **Test lines ending with ''com''.**

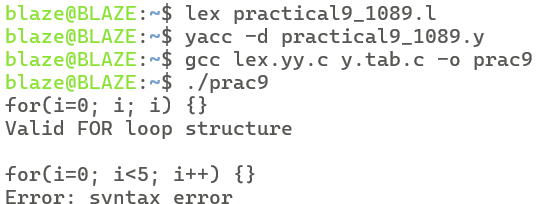
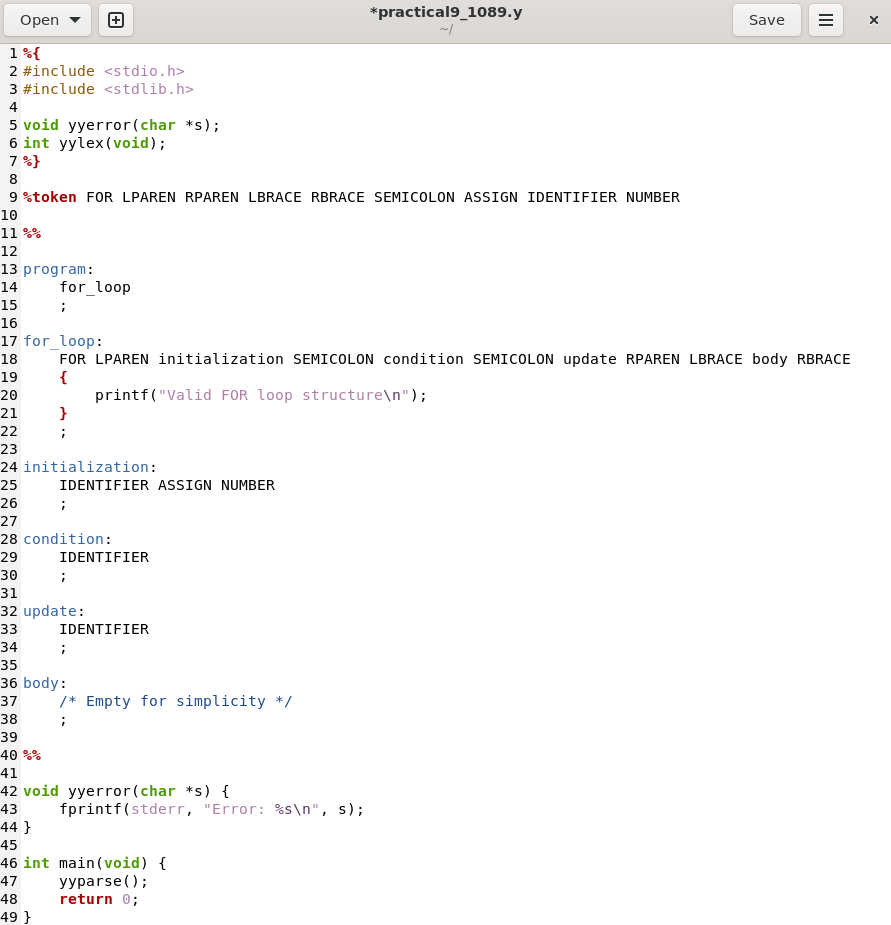
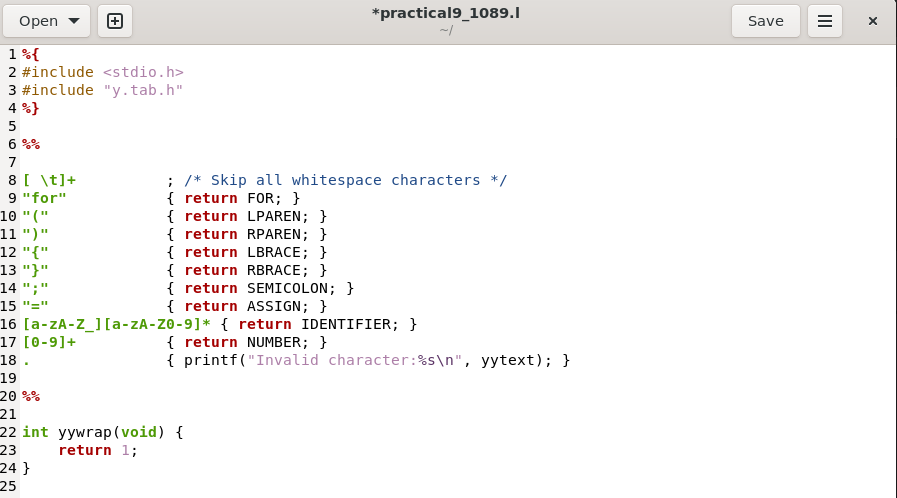
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1. **Postfix Expression Evaluation.**
2. **Desk calculator with error recovery.**

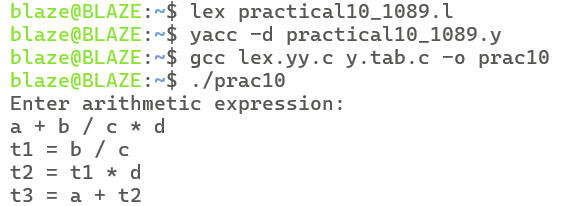
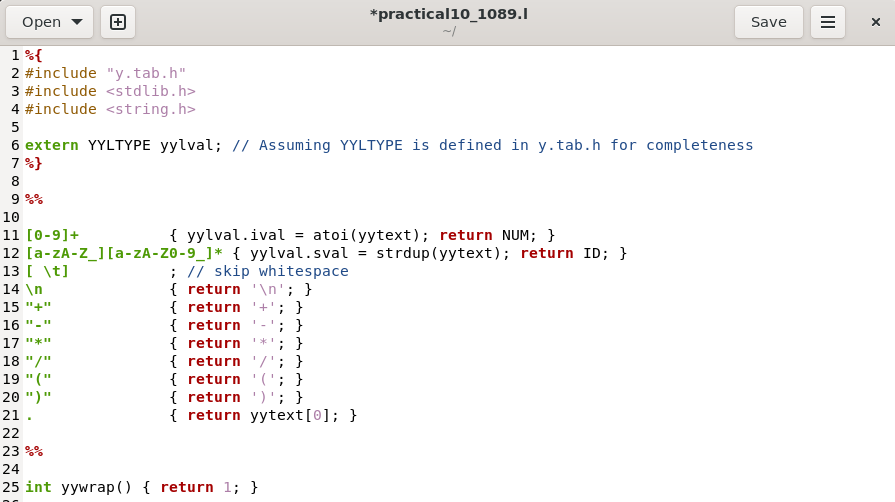
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1. **Parser for ''FOR'' loop statements.**

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1. **Intermediate code (IC) generator for arithmetic expression.**

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