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Tutorial No 1

Subject- Compiler Design (SEM 2) 2021-22

1. Differentiate between compiler and Interpreter
2. Explain in detail various phases of compilation.
3. Note on- Front end and back end model of compilation.
4. Which are the various compiler construction tools.
5. Describe the errors encountered in different phases of compiler.
6. Discuss the need for group of phases.



Tutorial No 2

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1. Define the term with example.
 - a) lexeme
 - b) token
 - c) pattern
2. Explain the Role of Lexical Analyzer, Explain interaction between lexical analyzer and parser.
3. Define Regular expression.
4. Explain LEX with suitable example.

Tutorial No 3

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1. Write a short note on operator precedence parser.
2. Differentiate between LR(0), Canonical LR and LALR items.
3. Compare the top down parsing and bottom up parsing.
4. Define the role of parser
5. Note on-
 1. CFG
 2. Ambiguous Grammar
 3. Left Recursion
 4. Shift Reduced Parser