Differentiate between recursive descent parsing and predictive parsing.

S. No.	Recursive Descent Parsing	Predictive Parsing
1.	Uses recursive routines to parse.	Uses a parsing table for parsing.
2.	Converts production rules into code directly.	Constructs a parsing table based on grammar rules.
3.	Does not build a parsing table.	Constructs a parsing table beforehand.
4.	Does not use First and Follow sets explicitly.	Utilizes First and Follow sets to build parsing table.

Related posts:

1. What are the types of passes in compiler ?
2. Discuss the role of compiler writing tools. Describe various compiler writing tools.
3. What do you mean by regular expression ? Write the formal recursive definition of a regular expression.
4. How does finite automata useful for lexical analysis ?
5. Explain the implementation of lexical analyzer.
6. Write short notes on lexical analyzer generator.
7. Explain the automatic generation of lexical analyzer.
8. Explain the term token, lexeme and pattern.
9. What are the various LEX actions that are used in LEX programming ?
10. Describe grammar.
11. Explain formal grammar and its application to syntax analyzer.
12. Define parse tree. What are the conditions for constructing a parse tree from a CFG ?
13. Describe the capabilities of CFG.
14. What is parser ? Write the role of parser. What are the most popular parsing techniques ? OR Explain about basic parsing techniques. What is top-down parsing ?

Explain in detail.

15. What are the common conflicts that can be encountered in shift-reduce parser ?
16. Differentiate between top-down and bottom-up parser.Under which conditions predictive parsing can be constructed for a grammar ?
17. What is the difference between S-attributed and L-attributed definitions ?
18. What is intermediate code generation and discuss benefits of intermediate code ?
19. Define parse tree. Why parse tree construction is only possible for CFG ?
20. Discuss symbol table with its capabilities ?
21. What are the symbol table requirements ? What are the demerits in the uniform structure of symbol table ?