
From: Vandana Agarwal . (via Nalanda)
Sent: 09 March 2023 17:20
To: RAMAKANT PANDURANG TALANKAR .
Subject: 11551001318_CS F363_JAN_2023: Stage 2: Ground work

[11551001318_CS F363_JAN_2023](#) » [Forums](#) » [Announcements](#) » [Stage 2: Ground work](#)



Stage 2: Ground work

by [Vandana Agarwal](#) . - Thursday, 9 March 2023, 4:49 PM

1. Read the language specifications document carefully and understand semantic specifications.
2. Formulate rules for creation of abstract syntax tree. Work out the AST creation for expression grammar as discussed in the class.
3. Focus on individual constructs and understand the need for meaningful information for code generation.
4. Many issues needed for your stage 2 implementation will be discussed during regular lectures.
5. Students are advised to attend classes regularly. As we progress with semantic analysis and symbol table creation concepts in the class, students must keep on preparing themselves to do the following groundwork.
6. Read more to understand semantics of individual constructs such as expression, boolean expression, assignment statements, control statements, return statement, parameter list, activation record structure, name binding and scopes, type checking etc. [You can refer book on Concepts of Programming Languages - by Robert W. Sebesta, Tenth edition, Pearson Publication, to refresh concepts of Principles of Programming Languages]
7. Students are advised to read the text book and solve problems regularly.
8. Work out rules for abstract syntax tree generation and prepare the document.
9. If there were issues with your lexer and parser, keep modifying the code. Discuss with me if you need help in identifying the flaws in your code.
10. Regularly discuss your understanding with me and clarify your doubts. [after the class or by fixing over email a mutually convenient time for discussion]

[See this post in context](#)

[Change your forum digest preferences](#)

Reading this in an email? [Download the mobile app and receive notifications on your mobile device.](#)

