Folders
Last Refresh: Thu,
(refresh folder

INBOX (10) ((
INBOX.Draft
INBOX.Sent
INBOX.Trash
Aditya
Aditya1

Folder Size

Current Folder:
INBOX

Sign Out

Compose
Addresses
Folders
Options Search IITG NoticeBoard NewsGroups Passwd change
Help
Bookmarks
Calendar
Notes

Message List | Delete Previous | Next Forward | Forward as Attachment | Reply | Rep

Subject: Compilers Lab: Assignment 2
From: santosh_biswas@iitg.ernet.in
Date: Sun, February 27, 2011 11:28 pm
To: cse08b@iitg.ernet.in (more)
Priority: Normal
Options: View Full Header | View Printable Version | Download this as a file | View Message details | Spam | Not Spam

Dear all
As discussed in class, Assignment 2 is attached.

Problem 2 (a).
Take a language which is a subset of C (you have taken in Assign 1 (a)). Define CFG grammar for the language. Generate LL(1) and SLR parsing tables.

Take strings of tokens generated by Assignment 1(a). Perform parsing both top-down and bottom-up for the string. Also, your parser should have error detection capability. Further, the parser should also take arbitrary CFGs and generate LL(1) and SLR tables; conflicts should also be marked.

The problem defined above describes ONLY the basic requirements. You are free to implement in your own way for efficiency in implementation, however, you must remember that computation power should not be more than that required by LL(1) or SLR (for respective cases).
Extra credits will be given for “efficiency in implementation” and good display of parsing tables and parsing steps (stack etc.)!!!!

Problem1 (b).
Implement a Parsing analyzer using tools for the language “Cool”. Details of the assignment are attached as a .pdf file.