Assignment #3

CS347

Date: 09 Feb 2017

Total 30 Points

1. Write a program in YACC to recognize valid variables which follow the C-programming language conventions (e.g. variables start with alphabet or underscore followed by any number of alphabets or digits or underscore). (5 Points)

2. Using LEX and YACC, Create a simple, desk-calculator program that performs addition, subtraction, multiplication, and division operations. You may mention the grammar in a separate text file. (15 Points)

3. Extend the above question Q2 (calculator) including more operations like trigonometric (Sin, Cos, Tan etc), logarithmic and exponential. (10 points)

Submission Deadline-in one lab session

Submission Steps:
- Open 172.16.1.3/~halder
- Click on "Submission System"
- Login: <your roll no.>
- Password: <blank>
- Once Login first time, you must change your password
- Create a directory with name "assignment03" in your computer system
- Put your assignment files in the directory
- ZIP the directory to create "assignment03.zip"
- Upload the zip by clicking on Upload button.