Assignment #4

CS347

Date: 16Feb 2017

Total20 Points

1. Write a Yacc program to evaluate any postfix expression that may contain only the +, -, *,/ and ^ (power) operators. (10 Points)

2. Consider a subset of C language construct which include Arithmetic and Boolean expressions (involving operators +, -, *, /, &&, ||, !, ==, <, <=, >, >=, <, >), assignment, conditional (if , if-else) and Iterative (only while) statements only.

Write ayacc program that verifies whether the input programs follow the above syntax.
(10 points)

[Note: Report if you find any conflict in the above case. If yes, resolve the conflict.]

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 "assignment04" in your computer system
- Put your assignment files in the directory
- ZIP the directory to create "assignment04.zip"
- Upload the zip by clicking on Upload button.