Project G

The input to the program is a context-free grammar and a string. Outputs reverse of the right most derivation of the string from the given grammar.

a. Computation of LR (0) Sets of Items.

b. Computation of SLR parsing table.

c. Simulation of SLR parser on the given string.

1. The theoretical knowledge is very necessary.
2. Motivate your choice in your report and explain any transformation you had to apply to your grammar to make it fit the parser's constraints
3. You have to demonstrate each module clearly while you are submitting your report.
4. You can choose the language of your own interest however you have to justify the motivation you have while using that particular language.
5. Interactive demonstration of your project will increase your chance to obtain higher marks.
6. Project evaluation: Project completion and demonstration (10) + Viva (5) = 15