Language for propositional language

In this homework you are to implement lexer and parser for a simple language.

Token definitions:

```
ID = [A-Z]+

LAPR = (

RPAR = )

NOT = !

AND = /\

OR = \/

IMPLIES = '=>'

IFF = '<=>'
```

Grammar:

```
propositions \rightarrow proposition more-proposition more-proposition \rightarrow, propositions | \epsilon proposition \rightarrow atomic | compound atomic \rightarrow 0 | 1 | ID compound \rightarrow atomic connective proposition | LPAR proposition RPAR | NOT proposition connective \rightarrow AND | OR | IMPLIES | IFF
```

The start variable is *propositions*.

Your implementation should receive a file, if the input file is a valid program, it should print the parse tree in prefix order, otherwise it should return "Syntax Error" message along with the line and column numbers of the first error.

Instructions:

- Use Python 2.7 for implementation
- Deadline: Feb 11 at 9 AM