Lab 6 & 7 - FLCD

Team Mirza Lorena, Moldovan Vasilica LL(1) Parser

Github link: https://github.com/mirzalorena/flcd lab5

```
Preconditions: nonTerm : String

Postconditions: returns a list containing elements of type [A, y],

where those respect the condition A -> a B y, or

empty list otherwise

def giveProductionsForFollow(self, nonTerm):
```

```
Preconditions: None

Postconditions: return the set self.__follow, containg the terminals which follow the keys of the set (nonterminals)

Ex: self.__follow[A] contains terminals which follow

nonterminal A,

or epsilon if no terminal follows A.
```

```
Preconditions: sequence : String
Postconditions: constructs the parsing table self_parseTable
based on the results of parsing the sequence

def construct_parsing_table(self, sequence):
```

```
Preconditions: father - String, is_sibling - int
Postconditions: returns the table index for a given
element, based on its father position
and whether or not it is a sibling

def get_tabel_index(self, father, is_siblig):
```

UML Diagram:

