

Scanner

Attributes:

- SymbolTable: hashCode | list of variables
- files: list of file names
- separators: string with our separators
- tokens: string with tokens from tokens.in
- pif_table: vector with string(name of element) and position n symbol table(int,int)
- x: current line

Functions:

- Scanner: constructor
 - initialize the attributes with empty lists
 - compute tokens list
 - compute files list
- tokenize:
 - for every file in file list
 - read line by line
 - tokenize lines
 - see what is every element
 - add to pif/st or print error and saves until that point
 - save to output files (names computed based on what table was solved for the given problem) the computed st/pif
- what_is_this_token:
 - verifies with regexes what the given element is:
 - is_not_reserved_word function called: verifies if a word is not a reserved word
 - integer/float/character/string/variable pattern