https://github.com/iustinficau/flcd/tree/main/lab3

Scanner class:

Scanner
+ check_operator(string): bool
+ check_identifier(string): bool
+ check_constant(string): bool
+ get_string(string,integer):string, integer
+ get_operator(string, integer): string, integer
+ get_tokens(string): list of strings

check_identifier(token):

 descr: checks if a token is an identifier

 pre: token - string

 post: true/false

check_constant(token):

 descr: check if a token is a constant

 pre: token - string

 post: true/false

check_operator(token):

 descr: check if a token is an operator

 pre: token - string

 post: true/false

get_string(line, index):

 descr: gets the full string from a given position in a line

 pre: line - string, index - integer

 post: token - string, index - integer

get_operator(line, index):

descr: get the full operator from a given position in a line

pre: line - string, index - integer

post: token - string, index - integer

get_tokens(line):

descr: returns a list of all operators from a given line

pre: line - strng

post: list of tokens