Lexer implementation

- Will be implementing a very basic lexer
- Iterate through source code, character by character
 - Character options: LPAREN, RPAREN, DIGIT, OPPLUS, OPMINUS, OPMUL, OPDIV
 - Ignore whitespace (tabs, spaces, newlines)
 - If character is a digit, then combine with adjacent characters to form multidigit number as a single lexeme

Lexer code

```
def lex(source_code):
lexemes = []
                                                                        def skip_whitespace(s, idx):
i = 0
                                                                           while s[idx] in ' \t\r\n':
while i < len(source_code):
                                                                               idx += 1
  # returns next non-whitespace index
  i = skip_whitespace(source_code, i)
                                                                            return idx
                                                                                                LPAREN = r"("
  if source_code[i] in constants:
                                                                                                 RPAREN = r")"
     lexemes.append(source_code[i])
                                                                                                OPPLUS = r"+"
  elif source_code[i].isdigit():
     num = source_code[i]
                                                                                                OPMINUS = r"-"
     i += 1
                                                                                                OPMUL = r''*''
     while i < len(source_code) and source_code[i].isdigit():
                                                                                                 OPDIV = r''/''
       num += source_code[i]
       i += 1
                                                                                                constants = [
     lexemes.append(num)
                                                                                                   LPAREN, RPAREN,
     i -= 1 # undo last increment because now not pointing to integer
                                                                                                   OPPLUS, OPMINUS,
  else:
                                                                                                   OPMUL, OPDIV
     raise SyntaxError("Unknown character: {}".format(source_code[i]))
  i += 1
return lexemes
```