

# Lexer - sample outputs

- $(1+2) \Rightarrow ['(', '1', '+', '2', ')']$
- $10 / 2 \Rightarrow ['10', '/', '2']$
- $-(1 + -2) \Rightarrow ['-', '(', '1', '+', '-', '2', ')']$
- Note: doesn't need to be valid at this step:
  - $1 + (2 + 3 \Rightarrow ['1', '+', '(', '2', '+', '3']$
- But does need to have only lexable characters:
  - $abc + 1 \Rightarrow$  Encountered lexing error: `SyntaxError('Unknown character: a')`

# Part 2: Parser