CIIC 4030/ICOM 4036 Programming Languages
Assignment #2

Write a **Lexical Analyzer in Racket** with the following token definitions:

- **identifiers: [a-zA-Z]+**
- **delimiters: "("|")"|"["|"]"**
- **operators: "+"|"*"|"%"**
- **integers: -?[0-9]+**
- **whitespace: [\n]+**

As an example of output (**your_lexer** "2*[6%2]") should yield
((INT 2)(OP *)(LB)(INT 6)(OP module)(INT 2)(RB))