Get File Name Function w/ racket/path

(ended up using something else)

```
if this code is defined in project/src/user-interface.rkt but is accessed in project/main.rkt, what should I define the modified-input as if I am accessing files in the project/parser-input directory; in: no args; out: returns a valid string file name from user input (define (get-file-name) (display "Enter Parser Input File Name\n") (define input (read-line)) (define modified-input (format ""))
```

PLUS / MINUS / NUMSIGN Token Ambiguity in Lexer

I got this error:
Error: Encountered parsing error near "-" (token 'MINUS) while parsing 'unknown [line=3, column=4, offset=23]

<Insert Useless AI Hallucinations that Didn't Help>

From my understanding, there is ambiguity between the NUMSIGN token and the PLUS and MINUS tokens. How would I fix this without getting rid of either?

```
;; PLUS and MINUS (for arithmetic operations)
[(union "+" "-")
  (let ([next-char (peek-char ip)])
    (if (and next-char (char-numeric? next-char))
      ;; If followed by a digit, treat as NUMSIGN (part of a number)
          (token 'NUMSIGN lexeme)
      ;; Otherwise, treat as PLUS or MINUS (arithmetic operation)
      (token (if (equal? lexeme "+") 'PLUS 'MINUS) lexeme)))]
```

Graceful Error Handling w/ with-handlers

If I use Brag's parser generating function "(define my-parser (make-rule-parser program))" where 'program' is the start symbol, is there a way to gracefully handle errors in this case? Maybe with an either monad?

Option 1: Using with-handlers for Error Handling

You can use Racket's with-handlers to catch exceptions thrown by the parser and report errors gracefully.

Steps:

- 1. Define your grammar and generate the parser using make-rule-parser.
- 2. Wrap the parser in a function that uses with-handlers to catch errors.
- 3. Report errors with their location and continue processing.

< I didn't end up using any of the code it spat out, but I did use the with-handlers function>