

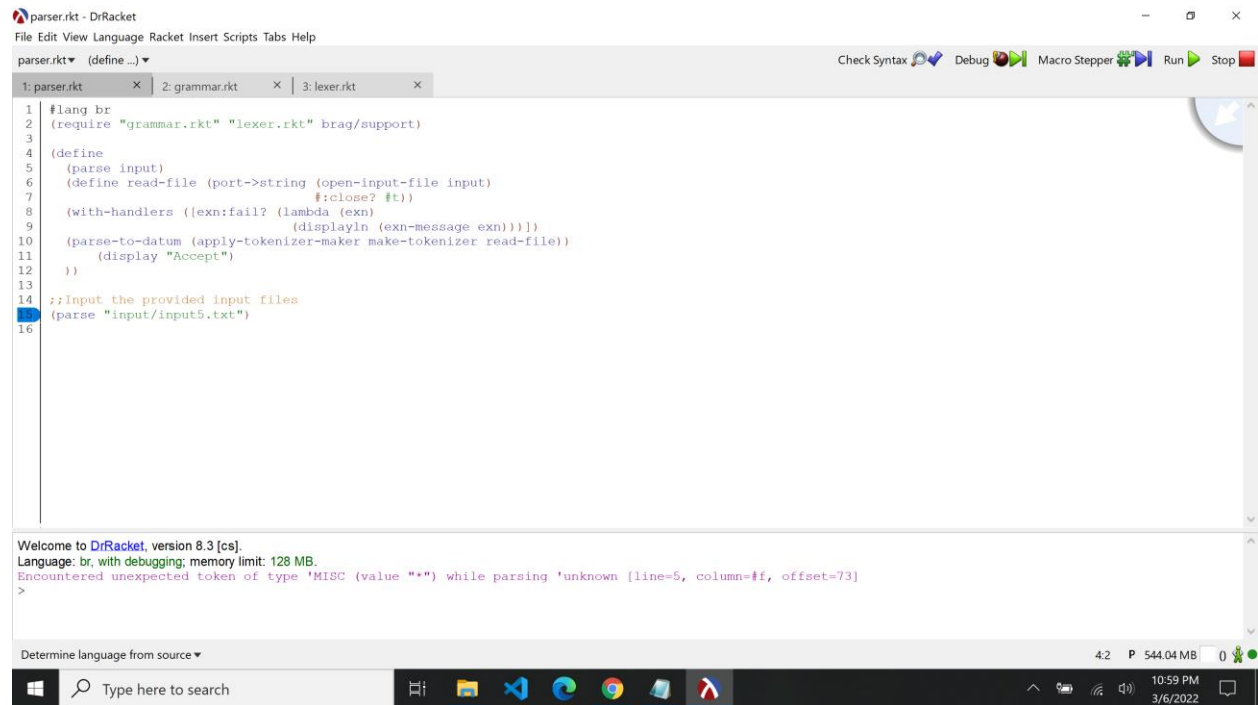
Websites used to get help with the project:

<https://docs.racket-lang.org/brag/>

<https://beautifulracket.com/basic/source-listing.html>

<https://matt.might.net/articles/lexers-in-racket/>

Output of the project:



The screenshot shows the DrRacket IDE with three open files: `1: parser.rkt`, `2: grammar.rkt`, and `3: lexer.rkt`. The `parser.rkt` file is active and contains the following Racket code:

```
1 #lang br
2 (require "grammar.rkt" "lexer.rkt" brag/support)
3
4 (define
5   (parse input)
6   (define read-file (port->string (open-input-file input)
7                                   #:close? #t))
8   (with-handlers ([exn:fail? (lambda (exn)
9                               (displayln (exn-message exn))))]
10    (parse-to-datum (apply-tokenizer-maker make-tokenizer read-file)))
11    (display "Accept"))
12  )
13
14 ;;Input the provided input files
15 (parse "input/input5.txt")
16
```

The output window at the bottom displays the following message:

```
Welcome to DrRacket, version 8.3 [cs].
Language: br, with debugging; memory limit: 128 MB.
Encountered unexpected token of type 'MISC (value "")' while parsing 'unknown [line=5, column=#f, offset=73]
>
```

The status bar at the bottom indicates the language is determined from the source, and shows the current line (42), column (P), and memory usage (544.04 MB).