

# Quiz 7

CSCI 334: Spring 2024

Your name: \_\_\_\_\_

Write a parser for the following grammar.

```
<expr> ::= <two>*  
<two> ::= aa | bb | cc
```

where  $*$  is the Kleene star, which stands for “zero or more.”

The last line of your grammar definition (i.e., the top-level parser) should be the following.

```
let grammar = pleft expr peof
```

Write your parser in the space below. Do not worry about a `main` function or any other boilerplate code; just focus on writing what is needed to make the `grammar` parser function operate correctly.

```
let aa = pstr "aa"  
let bb = pstr "bb"  
let cc = pstr "cc"  
let two = aa <|> bb <|> cc  
let expr = pmany0 two  
let grammar = pleft expr peof
```