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Josephs-MacBook-Air-2:scheme JosephHayes$ python3 ok -q 01 -u
```

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=====
Assignment: Project 4: Scheme Interpreter
OK, version v1.13.11
=====
```

```
~~~~~
Unlocking tests
```

```
At each "? ", type what you would expect the output to be.
Type exit() to quit
```

```
-----
Problem 1 > Suite 1 > Case 1
(cases remaining: 8)
```

```
-- Already unlocked --
```

```
-----
Problem 1 > Suite 1 > Case 2
(cases remaining: 7)
```

```
-- Already unlocked --
```

```
-----
Problem 1 > Suite 1 > Case 3
(cases remaining: 6)
```

```
-- Already unlocked --
```

```
-----
Problem 1 > Suite 1 > Case 4
(cases remaining: 5)
```

```
>>> from scheme_reader import *
>>> read_tail(Buffer(tokenize_lines(['']))))
nil
>>> read_tail(Buffer(tokenize_lines(['1 2 3'])))
Pair(1, Pair(2, Pair(3, nil)))
>>> read_tail(Buffer(tokenize_lines(['2 (3 4)'])))
? Pair(2, Pair(Pair(3, Pair(4, nil))))
-- Not quite. Try again! --
```

```
? Pair(2, Pair(Pair(3, Pair(4, nil))), nil)
-- Not quite. Try again! --
```

```
? Pair(2, Pair(Pair(3, Pair(4, nil))), nil)
-- Not quite. Try again! --
```

```
? Pair(2, Pair(Pair(3, Pair(4, nil))), nil)
-- Not quite. Try again! --
```

```
? Pair(2, Pair(Pair(3, Pair(4, nil))), nil)
-- OK! --
```

```
-----
Problem 1 > Suite 1 > Case 5
```

(cases remaining: 4)

-- Already unlocked --

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Problem 1 > Suite 1 > Case 6

(cases remaining: 3)

-- Already unlocked --

---

Problem 1 > Suite 1 > Case 7

(cases remaining: 2)

```
>>> from scheme_reader import *
```

```
>>> read_line("(+ (- 2 3) 1)")
```

Choose the number of the correct choice:

0) Pair('+', Pair('-', Pair(2, Pair(3, nil))), Pair(1, nil))

1) Pair('+', Pair(Pair('-', Pair(2, Pair(3, nil))), Pair(1, nil)))

2) Pair('+', Pair('-', Pair(2, Pair(3, Pair(1, nil)))))

? 1

-- OK! --

---

Problem 1 > Suite 1 > Case 8

(cases remaining: 1)

-- Already unlocked --

---

OK! All cases for Problem 1 unlocked.

Backup... 100% complete

Backup successful for user: joseph.hayes@berkeley.edu

Checking for software updates...

OK is up to date

Josephs-MacBook-Air-2:scheme JosephHayes\$