

```
Josephs-Air-2:scheme JosephHayes$ python3 -q tests.scm
File "tests.scm", line 1
  ;; Test cases for Scheme.
  ^
```

```
SyntaxError: invalid syntax
Josephs-Air-2:scheme JosephHayes$ python3 -q tests.scm
File "tests.scm", line 3
  ;; *****
  ^
```

```
SyntaxError: invalid syntax
Josephs-Air-2:scheme JosephHayes$ python3 -q tests.scm
File "tests.scm", line 1
  ;; Test cases for Scheme.
  ^
```

```
SyntaxError: invalid syntax
Josephs-Air-2:scheme JosephHayes$ python3 ok --submit
```

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

```
~~~~~
Running tests
```

```
There are still locked tests! Use the -u option to unlock them
```

```
-----
Test summary
  Locked: 3
  68 test cases passed! No cases failed.
```

```
Submit... 100% complete
Submission successful for user: joseph.hayes@berkeley.edu
URL: https://okpy.org/cal/cs61a/su18/proj04/submissions/9Q84RY
```

```
Checking for software updates...
OK is up to date
Josephs-Air-2:scheme JosephHayes$ python3 ok -q 11 -u
```

```
=====
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 11 > Suite 1 > Case 1
(cases remaining: 6)
```

```
>>> from scheme import *
>>> global_frame = create_global_frame()
>>> formals = Pair('a', Pair('b', Pair('c', nil)))
>>> vals = Pair(1, Pair(2, Pair(3, nil)))
>>> frame = global_frame.make_child_frame(formals, vals)
>>> global_frame.lookup('a') # Type SchemeError if you think this errors
? 1
-- Not quite. Try again! --
```

```
? SchemeError
-- OK! --
```

```
>>> frame.lookup('a')          # Type SchemeError if you think this errors
? 1
-- OK! --
```

```
>>> frame.lookup('b')          # Type SchemeError if you think this errors
? 2
-- OK! --
```

```
>>> frame.lookup('c')          # Type SchemeError if you think this errors
```

? 3
-- OK! --

Problem 11 > Suite 1 > Case 2
(cases remaining: 5)

```
>>> from scheme import *
>>> global_frame = create_global_frame()
>>> frame = global_frame.make_child_frame(nil, nil)
>>> frame.parent is global_frame
? False
-- Not quite. Try again! --
```

```
? #f
-- Not quite. Try again! --
```

```
? True
-- OK! --
```

Problem 11 > Suite 1 > Case 3
(cases remaining: 4)

-- Already unlocked --

Problem 11 > Suite 2 > Case 1
(cases remaining: 3)

-- Already unlocked --

Problem 11 > Suite 2 > Case 2
(cases remaining: 2)

-- Already unlocked --

Problem 11 > Suite 2 > Case 3
(cases remaining: 1)

-- Already unlocked --

OK! All cases for Problem 11 unlocked.

Backup... 100% complete
Backup successful for user: joseph.hayes@berkeley.edu

Checking for software updates...
OK is up to date
Josephs-Air-2:scheme JosephHayes\$