

~~~~~  
Running tests

-----  
Problem 13 > Suite 2 > Case 2

```
scm> (or 0 1 2)
0
scm> (or 'a #f)
a
scm> (or (< 2 3) (> 2 3) 2 'a)
#t
scm> (or (< 2 3) 2)
#t
scm> (define (false-fn) #f)
false-fn
scm> (or (false-fn) 'yay)
#f
```

```
# Error: expected
#   yay
# but got
#   #f
```

Run only this test case with "python3 ok -q 13 --suite 2 --case 2"

-----  
Test summary

5 test cases passed before encountering first failed test case

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\$ python3 ok -q 13

=====

Assignment: Project 4: Scheme Interpreter

OK, version v1.13.11

=====

~~~~~  
Running tests

-----  
Problem 13 > Suite 2 > Case 1

```
scm> (or)
#f
scm> (or (+ 1 1))
2
scm> (not (or #f))
#f
```

```
# Error: expected
#   #t
# but got
#   #f
```

Run only this test case with "python3 ok -q 13 --suite 2 --case 1"

-----  
Test summary

4 test cases passed before encountering first failed test case

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\$ python3 ok -q 13

=====

Assignment: Project 4: Scheme Interpreter

OK, version v1.13.11

=====

~~~~~  
Running tests

-----  
Problem 13 > Suite 2 > Case 2

```
scm> (or 0 1 2)
0
scm> (or 'a #f)
a
scm> (or (< 2 3) (> 2 3) 2 'a)
#t
scm> (or (< 2 3) 2)
#t
scm> (define (false-fn) #f)
false-fn
scm> (or (false-fn) 'yay)
#f
```

```
# Error: expected
#      yay
# but got
#      #f
```

Run only this test case with "python3 ok -q 13 --suite 2 --case 2"

-----  
Test summary

5 test cases passed before encountering first failed test case

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\$ python3 ok -q 13

=====

Assignment: Project 4: Scheme Interpreter

OK, version v1.13.11

=====

~~~~~  
Running tests

-----  
Problem 13 > Suite 2 > Case 2

```
scm> (or 0 1 2)
0
scm> (or 'a #f)
a
scm> (or (< 2 3) (> 2 3) 2 'a)
#t
scm> (or (< 2 3) 2)
#t
scm> (define (false-fn) #f)
false-fn
scm> (or (false-fn) 'yay)
#f
```

```
# Error: expected
#      yay
# but got
#      #f
```

Run only this test case with "python3 ok -q 13 --suite 2 --case 2"

-----  
Test summary

5 test cases passed before encountering first failed test case

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\$ python3 ok -q 13

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

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

```
-----
Problem 13 > Suite 2 > Case 1
```

```
scm> (or)
Traceback (most recent call last):
k (most recent call last):
  File "ok/client/sources/ok_test/scheme.py", line 58, in evaluate
    (exp, self._frame))
  File "ok/client/utils/timer.py", line 33, in timed
    raise submission.error
  File "ok/client/utils/timer.py", line 49, in run
    self.result = self.fn(*self.args, **self.kargs)
  File "/Users/JosephHayes/Desktop/61A/Projects/scheme/scheme.py", line 33, in scheme_eval
    return SPECIAL_FORMS[first](rest, env)
  File "/Users/JosephHayes/Desktop/61A/Projects/scheme/scheme.py", line 344, in do_or_form
    if scheme_truep(expressions.first) and expressions.second == nil:
AttributeError: 'nil' object has no attribute 'first'

# Error: expected
#   #f
# but got
#   Traceback (most recent call last):
#     ...
#   AttributeError: 'nil' object has no attribute 'first'
```

Run only this test case with "python3 ok -q 13 --suite 2 --case 1"

```
-----
Test summary
  4 test cases passed before encountering first failed test case
```

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\$ python3 ok -q 13

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

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

```
-----
Problem 13 > Suite 2 > Case 2
```

```
scm> (or 0 1 2)
0
scm> (or 'a #f)
a
scm> (or (< 2 3) (> 2 3) 2 'a)
#t
scm> (or (< 2 3) 2)
#t
scm> (define (false-fn) #f)
false-fn
scm> (or (false-fn) 'yay)
#f

# Error: expected
#   yay
# but got
#   #f
```

Run only this test case with "python3 ok -q 13 --suite 2 --case 2"

Test summary

5 test cases passed before encountering first failed test case

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\$ python3 ok -q 13

=====  
Assignment: Project 4: Scheme Interpreter

OK, version v1.13.11  
=====

~~~~~  
Running tests

-----  
Problem 13 > Suite 2 > Case 2

```
scm> (or 0 1 2)
0
scm> (or 'a #f)
a
scm> (or (< 2 3) (> 2 3) 2 'a)
#t
scm> (or (< 2 3) 2)
#t
scm> (define (false-fn) #f)
false-fn
scm> (or (false-fn) 'yay)
```

```
# Error: expected
#      yay
# but got
```

Run only this test case with "python3 ok -q 13 --suite 2 --case 2"

Test summary

5 test cases passed before encountering first failed test case

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\$ python3 ok -q 13

=====  
Assignment: Project 4: Scheme Interpreter

OK, version v1.13.11  
=====

~~~~~  
Running tests

-----  
Problem 13 > Suite 2 > Case 3

```
scm> (define x 0)
x
scm> (or (begin (define x (+ x 1)) #f)
....   (begin (define x (+ x 10)) #f)
....   (begin (define x (+ x 100)) #f)
....   (begin (define x (+ x 1000)) #f))
#f
scm> x
1222
```

```
# Error: expected
#      1111
# but got
```

# 1222

Run only this test case with "python3 ok -q 13 --suite 2 --case 3"

Test summary

6 test cases passed before encountering first failed test case

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\$ python3 ok -q 13

Assignment: Project 4: Scheme Interpreter

OK, version v1.13.11

~~~~~  
Running tests

-----  
Problem 13 > Suite 2 > Case 1

scm> (or)

Traceback (most recent call last):

k (most recent call last):

File "ok/client/sources/ok\_test/scheme.py", line 58, in evaluate  
(exp, self.\_frame))

File "ok/client/utils/timer.py", line 33, in timed

raise submission.error

File "ok/client/utils/timer.py", line 49, in run

self.result = self.fn(\*self.args, \*\*self.kargs)

File "/Users/JosephHayes/Desktop/61A/Projects/scheme/scheme.py", line 33, in scheme\_eval

return SPECIAL\_FORMS[first](rest, env)

File "/Users/JosephHayes/Desktop/61A/Projects/scheme/scheme.py", line 342, in do\_or\_form

target = scheme\_eval(expressions.first, env)

AttributeError: 'nil' object has no attribute 'first'

# Error: expected

# #f

# but got

# Traceback (most recent call last):

# ...

# AttributeError: 'nil' object has no attribute 'first'

Run only this test case with "python3 ok -q 13 --suite 2 --case 1"

Test summary

4 test cases passed before encountering first failed test case

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\$ python3 ok -q 13

Assignment: Project 4: Scheme Interpreter

OK, version v1.13.11

~~~~~  
Running tests

-----  
Problem 13 > Suite 2 > Case 3

scm> (define x 0)

x

scm> (or (begin (define x (+ x 1)) #f)

.... (begin (define x (+ x 10)) #f)

.... (begin (define x (+ x 100)) #f)

.... (begin (define x (+ x 1000)) #f))

```
#f
scm> x
1222
```

```
# Error: expected
#      1111
# but got
#      1222
```

Run only this test case with "python3 ok -q 13 --suite 2 --case 3"

```
Test summary
  6 test cases passed before encountering first failed test case
```

```
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$ python3 ok -q 13
```

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

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

```
-----
Problem 13 > Suite 2 > Case 3
```

```
scm> (define x 0)
x
scm> (or (begin (define x (+ x 1)) #f)
....    (begin (define x (+ x 10)) #f)
....    (begin (define x (+ x 100)) #f)
....    (begin (define x (+ x 1000)) #f))
#f
scm> x
3333
```

```
# Error: expected
#      1111
# but got
#      3333
```

Run only this test case with "python3 ok -q 13 --suite 2 --case 3"

```
Test summary
  6 test cases passed before encountering first failed test case
```

```
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$ python3 ok -q 13
```

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

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

```
-----
Problem 13 > Suite 2 > Case 3
```

```
scm> (define x 0)
x
scm> (or (begin (define x (+ x 1)) #f)
....    (begin (define x (+ x 10)) #f)
....    (begin (define x (+ x 100)) #f)
....    (begin (define x (+ x 1000)) #f))
```

```
#f
scm> x
1222
```

```
# Error: expected
#      1111
# but got
#      1222
```

Run only this test case with "python3 ok -q 13 --suite 2 --case 3"

```
Test summary
  6 test cases passed before encountering first failed test case
```

```
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$ python3 ok -q 13
```

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

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

```
-----
Problem 13 > Suite 2 > Case 3
```

```
scm> (define x 0)
x
scm> (or (begin (define x (+ x 1)) #f)
....    (begin (define x (+ x 10)) #f)
....    (begin (define x (+ x 100)) #f)
....    (begin (define x (+ x 1000)) #f))
#f
scm> x
1333
```

```
# Error: expected
#      1111
# but got
#      1333
```

Run only this test case with "python3 ok -q 13 --suite 2 --case 3"

```
Test summary
  6 test cases passed before encountering first failed test case
```

```
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$ python3 ok -q 13
```

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

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

```
-----
Problem 13 > Suite 2 > Case 3
```

```
scm> (define x 0)
x
scm> (or (begin (define x (+ x 1)) #f)
....    (begin (define x (+ x 10)) #f)
....    (begin (define x (+ x 100)) #f)
....    (begin (define x (+ x 1000)) #f))
```

```
#f
scm> x
2222
```

```
# Error: expected
#    1111
# but got
#    2222
```

Run only this test case with "python3 ok -q 13 --suite 2 --case 3"

Test summary  
6 test cases passed before encountering first failed test case

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\$ python3 ok -q 13

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

~~~~~  
Running tests

-----  
Problem 13 > Suite 2 > Case 3

```
scm> (define x 0)
x
scm> (or (begin (define x (+ x 1)) #f)
....   (begin (define x (+ x 10)) #f)
....   (begin (define x (+ x 100)) #f)
....   (begin (define x (+ x 1000)) #f))
#f
scm> x
2222
```

```
# Error: expected
#    1111
# but got
#    2222
```

Run only this test case with "python3 ok -q 13 --suite 2 --case 3"

Test summary  
6 test cases passed before encountering first failed test case

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\$ python3 ok -q 13

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

Checking for software updates...  
OK is up to date  
Traceback (most recent call last):  
 File "/Library/Frameworks/Python.framework/Versions/3.6/lib/python3.6/runpy.py", line 193, in  
\_run\_module\_as\_main  
 "\_\_main\_\_", mod\_spec)  
 File "/Library/Frameworks/Python.framework/Versions/3.6/lib/python3.6/runpy.py", line 85, in \_run\_code  
 exec(code, run\_globals)  
 File "ok/\_\_main\_\_.py", line 46, in <module>  
 File "ok/client/cli/ok.py", line 188, in main  
 File "ok/client/api/assignment.py", line 24, in load\_assignment  
 File "ok/client/sources/common/core.py", line 187, in \_\_call\_\_



```

File "ok/client/api/assignment.py", line 153, in post_instantiation
File "ok/client/api/assignment.py", line 202, in _load_tests
File "ok/client/sources/ok_test/__init__.py", line 51, in load
File "ok/client/sources/common/core.py", line 187, in __call__
File "ok/client/sources/ok_test/models.py", line 45, in post_instantiation
File "ok/client/sources/common/core.py", line 170, in __call__
File "ok/client/sources/ok_test/doctest.py", line 20, in __init__
    Then running the module as a script will cause the examples in the
File "ok/client/sources/common/interpreter.py", line 156, in __init__
File "ok/client/sources/ok_test/scheme.py", line 35, in load
    # BEGIN PROBLEM 5
File "ok/client/sources/ok_test/scheme.py", line 89, in _import_scheme
    return '<Global Frames>'
File "/Library/Frameworks/Python.framework/Versions/3.6/lib/python3.6/importlib/__init__.py", line 126, in
import_module
    return _bootstrap.gcd_import(name[level:], package, level)
File "<frozen importlib._bootstrap>", line 978, in _gcd_import
File "<frozen importlib._bootstrap>", line 961, in _find_and_load
File "<frozen importlib._bootstrap>", line 950, in _find_and_load_unlocked
File "<frozen importlib._bootstrap>", line 655, in _load_unlocked
File "<frozen importlib._bootstrap_external>", line 674, in exec_module
File "<frozen importlib._bootstrap_external>", line 781, in get_code
File "<frozen importlib._bootstrap_external>", line 741, in source_to_code
File "<frozen importlib._bootstrap>", line 205, in _call_with_frames_removed
File "/Users/JosephHayes/Desktop/61A/Projects/scheme/scheme.py", line 347
    if scheme_trueop(target, env)):
        ^

```

SyntaxError: invalid syntax

Josephs-Air-2:scheme JosephHayes\$ python3 ok -q 13

Assignment: Project 4: Scheme Interpreter

OK, version v1.13.11

~~~~~  
Running tests

-----  
Problem 13 > Suite 2 > Case 1

```

scm> (or)
#f
scm> (or (+ 1 1))
Traceback (most recent call last):
k (most recent call last):
  File "ok/client/sources/ok_test/scheme.py", line 58, in evaluate
    (exp, self._frame))
  File "ok/client/utils/timer.py", line 33, in timed
    raise submission.error
  File "ok/client/utils/timer.py", line 49, in run
    self.result = self.fn(*self.args, **self.kargs)
  File "/Users/JosephHayes/Desktop/61A/Projects/scheme/scheme.py", line 33, in scheme_eval
    return SPECIAL_FORMS[first](rest, env)
  File "/Users/JosephHayes/Desktop/61A/Projects/scheme/scheme.py", line 346, in do_or_form
    target = scheme_eval(expressions.first)
TypeError: scheme_eval() missing 1 required positional argument: 'env'

```

```

# Error: expected
#      2
# but got
#      Traceback (most recent call last):
#      ...
#      TypeError: scheme_eval() missing 1 required positional argument: 'env'

```

Run only this test case with "python3 ok -q 13 --suite 2 --case 1"

-----  
Test summary  
4 test cases passed before encountering first failed test case

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\$ python3 ok -q 13

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

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

```
-----
Problem 13 > Suite 2 > Case 1
```

```
scm> (or)
#f
scm> (or (+ 1 1))
Traceback (most recent call last):
k (most recent call last):
  File "ok/client/sources/ok_test/scheme.py", line 58, in evaluate
    (exp, self._frame))
  File "ok/client/utils/timer.py", line 33, in timed
    raise submission.error
  File "ok/client/utils/timer.py", line 49, in run
    self.result = self.fn(*self.args, **self.kargs)
  File "/Users/JosephHayes/Desktop/61A/Projects/scheme/scheme.py", line 33, in scheme_eval
    return SPECIAL_FORMS[first](rest, env)
  File "/Users/JosephHayes/Desktop/61A/Projects/scheme/scheme.py", line 347, in do_or_form
    if scheme_trueop(target, env):
TypeError: scheme_trueop() takes 1 positional argument but 2 were given

# Error: expected
#      2
# but got
#      Traceback (most recent call last):
#      ...
#      TypeError: scheme_trueop() takes 1 positional argument but 2 were given
```

```
Run only this test case with "python3 ok -q 13 --suite 2 --case 1"
```

```
-----
Test summary
  4 test cases passed before encountering first failed test case
```

```
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$ python3 ok -q 13
```

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

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

```
-----
Test summary
  9 test cases passed! No cases failed.
```

```
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$ python3 ok -q 13
```

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

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

Test summary  
9 test cases passed! No cases failed.

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\$ python3 ok -q 13

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

~~~~~  
Running tests

-----  
Test summary  
9 test cases passed! No cases failed.

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\$ python3 ok -q 13

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

~~~~~  
Running tests

-----  
Problem 13 > Suite 1 > Case 3

```
scm> (define x 0)
x
scm> (and (define x (+ x 1))
....    (define x (+ x 10))
....    (define x (+ x 100))
....    (define x (+ x 1000)))
x
scm> x
2111
```

```
# Error: expected
#      1111
# but got
#      2111
```

Run only this test case with "python3 ok -q 13 --suite 1 --case 3"

-----  
Test summary  
2 test cases passed before encountering first failed test case

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\$ python3 ok -q 13

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

~~~~~  
Running tests

-----  
Problem 13 > Suite 1 > Case 3

```
scm> (define x 0)
x
scm> (and (define x (+ x 1))
....    (define x (+ x 10))
....    (define x (+ x 100))
....    (define x (+ x 1000)))
x
scm> x
2111
```

```
# Error: expected
#      1111
# but got
#      2111
```

Run only this test case with "python3 ok -q 13 --suite 1 --case 3"

```
-----
Test summary
  2 test cases passed before encountering first failed test case
```

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\$ python3 ok -q 13

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

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

```
-----
Test summary
  9 test cases passed! No cases failed.
```

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\$ python3 ok -q 13

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

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

```
-----
Test summary
  9 test cases passed! No cases failed.
```

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\$ python3 ok -q 13

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

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

```
-----
Test summary
  9 test cases passed! No cases failed.
```

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\$ python3 ok -q 13

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

~~~~~  
Running tests

-----  
Test summary  
9 test cases passed! No cases failed.

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\$ 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: 1  
87 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/vogXBm>

Checking for software updates...  
OK is up to date  
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: 1  
87 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/MQjYlA>

Checking for software updates...  
OK is up to date  
Josephs-Air-2:scheme JosephHayes\$ python3 ok -q 14 -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 14 > Suite 1 > Case 1  
(cases remaining: 5)

```
scm> (cond ((> 2 3) 5)
....      ((> 2 4) 6)
....      ((< 2 5) 7)
....      (else 8))
? True
-- Not quite. Try again! --
```

```
? 7
-- OK! --
```

```
scm> (cond ((> 2 3) 5)
....      ((> 2 4) 6)
....      (else 8))
? 6
-- Not quite. Try again! --
```

```
? 8
-- OK! --
```

-----  
Problem 14 > Suite 2 > Case 1  
(cases remaining: 4)

-- Already unlocked --

-----  
Problem 14 > Suite 2 > Case 2  
(cases remaining: 3)

-- Already unlocked --

-----  
Problem 14 > Suite 2 > Case 3  
(cases remaining: 2)

-- Already unlocked --

-----  
Problem 14 > Suite 2 > Case 4  
(cases remaining: 1)

-- Already unlocked --

-----  
OK! All cases for Problem 14 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\$