

Josephs-Air-2:scheme JosephHayes\$ python3 ok -q 06 -u

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

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Unlocking tests

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

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Problem 6 > Suite 1 > Case 1  
(cases remaining: 6)

Q: What is the structure of the expressions argument to do\_define\_form?  
Choose the number of the correct choice:

- 0) Pair(A, B), where:
  - A is the symbol being bound,
  - B is the value that should be bound to A
- 1) Pair(A, B), where:
  - A is the symbol being bound,
  - B is an expression whose value should be bound to A
- 2) Pair(A, Pair(B, nil)), where:
  - A is the symbol being bound,
  - B is an expression whose value should be bound to A
- 3) Pair(A, Pair(B, nil)), where:
  - A is the symbol being bound,
  - B is the value that should be bound to A
- 4) Pair('define', Pair(A, Pair(B, nil))), where:
  - A is the symbol being bound,
  - B is an expression whose value should be bound to A

? 2

-- OK! --

-----

Problem 6 > Suite 1 > Case 2  
(cases remaining: 5)

Q: What method of a Frame instance will bind  
a value to a symbol in that frame?

Choose the number of the correct choice:

- 0) define
- 1) lookup
- 2) bindings
- 3) make\_child\_frame

? 3

-- Not quite. Try again! --

Choose the number of the correct choice:

- 0) define
- 1) lookup
- 2) bindings
- 3) make\_child\_frame

? 1

-- Not quite. Try again! --

Choose the number of the correct choice:

- 0) define
- 1) lookup
- 2) bindings
- 3) make\_child\_frame

? 0

-- OK! --

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Problem 6 > Suite 2 > Case 1  
(cases remaining: 4)

scm> (define size 2)

? size

-- OK! --

```
scm> size
? 2
-- OK! --
```

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```
Problem 6 > Suite 2 > Case 2
(cases remaining: 3)
```

```
scm> (define x (+ 2 3))
? x
-- OK! --
```

```
scm> x
? 5
-- OK! --
```

```
scm> (define x (+ 2 7))
? x
-- OK! --
```

```
scm> x
? 9
-- OK! --
```

```
scm> (eval (define tau 6.28))
? 6.28
-- OK! --
```

---

```
Problem 6 > Suite 2 > Case 3
(cases remaining: 2)
```

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

---

```
Problem 6 > Suite 2 > Case 4
(cases remaining: 1)
```

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

---

```
OK! All cases for Problem 6 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$
```