

Quiz11

- Due Feb 28 at 12pm
- Points 8
- Questions 8
- Available Feb 26 at 12am - Feb 28 at 12pm
- Time Limit 8 Minutes

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	3 minutes	7 out of 8

❗ Correct answers will be available on Feb 28 at 2pm.

Score for this quiz: 7 out of 8

Submitted Feb 28 at 10:41am

This attempt took 3 minutes.



Question 1

1 / 1 pts

Reference manuals specifying programming language semantics can be inherently imprecise.

☒ True

☐ False



Question 2

0 / 1 pts

Which one is not a correct attribute for name `f` declared below?

```
void f () { ... }
```

☐ modifiability = true

☐ type = void -> void

☒ value = <function-body>



Question 3

1 / 1 pts

Which one is not statically bound?

☒ updating the value of a variable using an assignment

☐ location of global variable

☐ value of a constant variable

- ☐ modifiability of declared local variable



Question 4

1 / 1 pts

In Haskell, the following function is defined:

$f\ x = x + 1$

The type attribute bound to name f happens in which phase?

- ☐ Linking time
- ☒ Compile time
- ☐ Run time
- ☐ Language definition time



Question 5

1 / 1 pts

The structure that maintains the values bound to names is called ...

- ☐ scoping
- ☒ memory
- ☐ environment
- ☐ declaration



Question 6

1 / 1 pts

Static scoping is more popular than dynamic scoping in language implementation.

- ☒ True
- ☐ False



Question 7

1 / 1 pts

Whether scope analysis is done statically or dynamically, the runtime behavior does not change.

- ☐ True
- ☒ False



Question 8

1 / 1 pts

Which data structure is appropriate to implement symbol tables in block-structured PLs?

- ☐ Maps

- ☐ Binary trees
- ☐ Queues
- ☒ Stacks

Quiz Score: 7 out of 8