

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	8 minutes	6 out of 8

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

Score for this quiz: **6** out of 8
Submitted Feb 28 at 10:37am
This attempt took 8 minutes.

Question 1

1 / 1 pts

Reference manuals specifying programming language semantics can be inherently imprecise.

☒ True

☐ False

Incorrect

Question 20 / 1 pts

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

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

☐ `modifiability = true`

☐ `value = <function-body>`

☒ `type = void -> void`

Question 3

1 / 1 pts

Which one is not statically bound?

- ☐ location of global variable
- ☒ updating the value of a variable using an assignment
- ☐ modifiability of declared local variable
- ☐ value of a constant 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?

☐ Run time

☒ Compile time

☐ Linking time

☐ Language definition time

Incorrect

Question 5

0 / 1 pts

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

☒ environment

☐ scoping

☐ memory

☐ 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?

☒ Stacks

☐ Maps

☐ Binary trees

☐ Queues

Quiz Score: **6** out of 8