

Spring 2024

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Quiz11

Started: Feb 28 at 10:29am

Quiz Instructions



Question 1

1 pts

Reference manuals specifying programming language semantics can be inherently imprecise.

- ☐ True
- ☐ False



Question 2

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 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 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



Question 5

1 pts

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

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



Question 6

1 pts

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

- ☐ True
- ☐ False



Question 7

1 pts

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

- ☐ True
- ☐ False



Question 8

1 pts

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

- ☐ Stacks
- ☐ Maps
- ☐ Binary trees
- ☐ Queues

Questions

- [? Question 1](#)
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Time Running: [Hide Time](#)

Attempt due: Feb 28 at 12pm

7 Minutes, 27 Seconds

Quiz saved at 10:30am

Submit Quiz