

Spring 2024

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Quiz13

Due Mar 18 at 12pm

Points 8

Questions 8

Available Mar 6 at 12am - Mar 18 at 12pm

Time Limit 8 Minutes

Submission Details:

Time:	5 minutes
Current Score:	8 out of 8
Kept Score:	8 out of 8

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	5 minutes	8 out of 8

⚠️ Correct answers will be available on Mar 18 at 2pm.

Score for this quiz: 8 out of 8
Submitted Mar 18 at 11:15am
This attempt took 5 minutes.

Question 11 / 1 pts

A language that enforces types at compile time is

☐ dynamically typed

☒ statically typed

☐ strongly typed

☐ explicitly typed

Question 21 / 1 pts

A language that avoids any loopholes in type system is

☐ dynamically typed

☐ statically typed

☒ strongly typed

☐ explicitly typed

Question 31 / 1 pts

Type inference is used in PLs which are

☐ dynamically typed

☐ strongly typed

☐ explicitly typed

☒ implicitly typed

Question 41 / 1 pts

Which one is not an advtage of annotating the types in the program?

☒ Boosting programmer experience in coding faster

☐ helping with designing different program components

☐ verifying interfaces throuh which program components intract

☐ documenting the code

Question 51 / 1 pts

Execution efficiency is a concern in a given project. You'd better choose a PL which is

☒ statically typed

☐ explicitly typed

☐ dynamically typed

☐ implicitly typed

Question 61 / 1 pts

Types with no internal structure are called ...

☐ union types

☒ simple types

☐ function types

☐ product types

Question 71 / 1 pts

Let's assume that `int` and `char` values are 4 and 2 bytes respectively in a given architecture. Consider the following type definition.

```
struct IntChar{  
  
    int i;  
  
    char c;  
  
}
```

What is the size of a variable of type `IntChar`?

☐ 2

☐ 8

☒ 6

☐ 4

Question 81 / 1 pts

Let's assume that `int` and `char` values are 4 and 2 bytes respectively in a given architecture. Consider the following type definition.

```
union IntOrChar{  
  
    int i;  
  
    char c;  
  
}
```

What is the size of a variable of type `IntOrChar`?

☐ 6

☒ 4

☐ 8

☐ 2

Quiz Score: 8 out of 8

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