

Spring 2024

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## Quiz12

Due Mar 6 at 12pm

Points 8

Questions 5

Available Mar 4 at 12am - Mar 6 at 12pm

Time Limit 8 Minutes

### Attempt History

|        | Attempt                   | Time      | Score      |
|--------|---------------------------|-----------|------------|
| LATEST | <a href="#">Attempt 1</a> | 6 minutes | 8 out of 8 |

⚠ Correct answers will be available on Mar 6 at 2pm.

Score for this quiz: 8 out of 8  
Submitted Mar 5 at 4:53pm  
This attempt took 6 minutes.

Question 1

1 / 1 pts

In order to support function overloading in a PL, symbol table should be revised.

- ☒ True
- ☐ False

Question 2

4 / 4 pts

Static/Dynamic memory allocation

- Local variables

Dynamically alloca↕
- Global variables

Statically allocated↕
- Function parameters

Dynamically alloca↕
- Objects

Dynamically alloca↕

Question 3

1 / 1 pts

Which one is correct about dangling references?

- ☐ It causes memory leaks
- ☐ It can only happen in the heap
- ☒ It is the root of use-after-free vulnerabilities
- ☐ Garbage collection is a solution for it

Question 4

1 / 1 pts

Memory garbage is ...

- ☐ a region of the stack that refers to unallocated memory in the heap
- ☒ a region of the heap that there is no access to it
- ☐ a region of the stack that refers to unallocated memory in the stack
- ☐ a region of the stack that there is no access to it

Question 5

1 / 1 pts

To manually allocate memory in the heap which function is used in C?

- ☒ malloc
- ☐ free
- ☐ new
- ☐ delete

### Submission Details:

Time:

6 minutes

Current Score:

8 out of 8

Kept Score:

8 out of 8

Quiz Score: 8 out of 8

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