

CS 2SC3 and SE 2S03 Fall 2009

Quiz 9 Answer Key

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Question 1

A header file in C usually contains some function definitions.
Is this statement true or false?

A. True.

B. ☒ False.

Question 2

After the C code

```
int a[10];  
int * b;  
b = a;
```

is executed, a and b are equivalent in the sense that they can be freely interchanged. Is this statement true or false?

A. True.

B. False.

Question 3

After the C code

```
double x;  
double y:
```

.
. .
.

is executed, which of the following C expressions will always evaluate to false.

A. `x = y.`

B. `x == y.`

C. `&x = &y.`

D. `*x = *y.`

E. `None of the above.`

Question 4

In C, the string "ghi" is represented by an array of length

A. 3.

B. ☒ 4.

C. 5.

D. 6.

E. 24

Question 5

After the C code

```
int walnut[5];
```

is executed, what is the value of `sizeof(walnut)`?

A. 0.

B. 1.

C. 5.

D. 20.

E. 32.