

<b>Started on</b>	Friday, 24 November 2023, 2:39 PM
<b>State</b>	Finished
<b>Completed on</b>	Friday, 24 November 2023, 2:46 PM
<b>Time taken</b>	7 mins 23 secs
<b>Grade</b>	<b>2.00</b> out of 5.00 ( <b>40%</b> )

### Question 1

Correct

Mark 1.00 out of 1.00

In C programming, what is the purpose of the "sizeof" operator?

- ☐ a. It determines the number of elements in a structure.
- ☐ b. It computes the length of a string.
- ☐ c. None of these
- ☐ d. It calculates the size of an array.
- ☒ e. It evaluates the size of a variable or data type. ✓

The correct answer is: It evaluates the size of a variable or data type.

### Question 2

Correct

Mark 1.00 out of 1.00

What is the primary purpose of the "break" statement in a switch statement in C?

- ☐ a. To skip the current iteration of the loop.
- ☐ b. To exit the entire loop or function.
- ☒ c. To terminate the switch statement and transfer control outside of it. ✓
- ☐ d. To jump to a specific case label within the switch statement.

The correct answer is: To terminate the switch statement and transfer control outside of it.

### Question 3

Incorrect

Mark 0.00 out of 1.00

When reading a binary file in C using fread, what is the purpose of the third parameter (size\_t size) in the function signature?

- ☒ a. It specifies the size of each data element to be read. ❌
- ☐ b. None of these
- ☐ c. It is used for error checking during file reading.
- ☐ d. It represents the file position indicator.
- ☐ e. It indicates the number of elements to be read.

The correct answer is: It indicates the number of elements to be read.

### Question 4

Incorrect

Mark 0.00 out of 1.00

What is the purpose of the "typedef" keyword in C?

- ☐ a. Create a new data type name for an existing data type
- ☐ b. Declare a variable as a type with multiple pointers
- ☒ c. Allocate memory for a user-defined data type ❌
- ☐ d. Specify a constant value for a variable
- ☐ e. None of these

The correct answer is: Create a new data type name for an existing data type

### Question 5

Incorrect

Mark 0.00 out of 1.00

In C programming, what is the purpose of a function pointer?

- ☒ a. It provides a way to pass a variable number of arguments to a function. ✖
- ☐ b. It points to the address of a function, allowing indirect invocation.
- ☐ c. It allows a function to access global variables directly.
- ☐ d. It enables a function to call itself recursively.
- ☐ e. None of these

The correct answer is: It points to the address of a function, allowing indirect invocation.