

Pointers

1. What is address operator in C? How is it used?
2. What is the indirection operator in C? How is it used?
3. What is a pointer?
4. Why a pointer is called a pointer?
5. How does a pointer get the address of another memory location? Give an example.
6. How is a pointer declared?
7. Explain the use of the & operator in returning values in the arguments of a called function.
8. What must be in the formal argument of a function definition that is to return values to the calling function through its argument?
9. Describe the mechanism for passing values to the called function that uses pointers in its formal argument.
10. What terminology is used when an address operator is used to assign values to function arguments?
11. State how more than one variable is passed from a called function to the calling function?
12. What is a NULL pointer?
13. What is a pointer on pointer?
14. How do you pass a value to a variable by using a pointer? What must you make sure of before doing this? Give an example?
15. What is the difference between call by value and call by reference?