

Functions

1. Name two ways of passing a value from a called function to the calling function.
2. What is the difference between a function prototype and a function definition?
3. What is the limitation of the C return() used in a called function?
4. State how more than one value can be returned to the calling function from the called function.
5. State why it is necessary to use separate functions in a C program?
6. What is the name of a variable declared within a function whose life lasts only as long as the function is active?
7. What is meant by a local variable?
8. State the meaning of the term “scope” as applied to variables in C.
9. What is the life of an automatic variable for the duration of the program?
10. What is the name of a variable that is declared at the beginning of the program before main()? What is the scope of such a variable?
11. How is a global variable declared? A local variable?
12. Is it considered good programming practice to use global variables? Explain.
13. If global variables are not used, state how values may be passed between functions.
14. Explain local static variables and is their use?
15. What is the difference between an actual parameter and a formal parameter?
16. What is the difference between a local variable and a global variable?
17. Explain modular programming.