

Structures

1. Define a C structure.
2. Explain what the C member of operator does. What symbol is used for this operator for a simple structure?
3. Describe what is meant by a structure tag.
4. Can a structure tag be a variable type? Explain.
5. What is the purpose of the -> symbol in C as applied to C structures?
6. How is a structure member pointed to when a structure pointer is used?
7. State the three operations that are allowed with structures.
8. What is a nested structure?
9. Can a structure be an array? Explain.
10. Can a C structure have a member that is another structure? Explain.
11. Can a C array of structures contain an array as one of its members? Explain.
12. Can a C array of structures be a member of another array of structures? Explain.
13. Does the C typedef create a new data type? Explain.
14. State the purpose of the C typedef.
15. What is the difference between typedef and #define?