

Arrays

1. What is an array?
2. State how you would declare a numeric array of ten elements in a C program?
3. What is the index of the first element of the array?
4. What is the range of array integer index?
5. What is the advantage of array?
6. What is the disadvantage of array?
7. Explain what programming method was used in order to get arrayed values from the program user.
8. What is an easy method of getting user input values into an array?
9. What is the meaning of base address of the array?
10. Can a pointer access the array?
11. How are arrays passed to functions?
12. If an array passed as an argument to a function, what actually gets passed?
13. Is the name of an array a pointer variable or a pointer constant?
14. How many dimensions need to be specified when passing a multi-dimensional array as argument to a function?
15. State the method used to cause a series of entered values to be displayed in the opposite order from which they were entered.
16. What method was used in order to extract a minimum value from a list of entered values?
17. How can the maximum value be extracted from a list of values?
18. Explain the difference between a pointer variable and a pointer constant.
19. What is meant by row-major order in regard to the storage of matrix elements?