

Download C Swap Variables

Accept two numbers from the user and swap the values of two integer variables using the pointer. This example contains two different techniques to swap numbers in C programming. The first program uses temporary variable to swap numbers, whereas the second program doesn't use temporary variables. The C99 standard allows variable sized arrays (see this). But, unlike the normal arrays, variable sized arrays cannot be initialized. For example, the following program compiles and runs fine on a C99 compatible compiler. In computer programming, the XOR swap is an algorithm that uses the XOR bitwise operation to swap values of distinct variables having the same data type without using a temporary variable.