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| DAY 1 | Jump right in with a lesson about dynamic memory allocation. As your programs get larger, saving memory becomes key. | DAY 2 | You aren't restricted to C's basic data types. Today you learn C's complex data types and their power and flexibility. | DAY 3 | Today you tackle some challenging topics: linked lists and binary trees. You will also study stacks and queues. | DAY 4 | Get more power from your system when you use C to tap into your system resources. Changing text color is just one trick you learn. | DAY 5 | Share your programs with all, no matter what computer they use. It will be easier after you tackle today's topic: portability. | DAY 6 | Today's lesson features using other number systems. Learn how to put binary, octal, and hexadecimal notation to use. | DAY 7 | Tired of writing the same code over and over? Libraries of commonly used functions will save you countless hours. |
| DAY 8 | Get even more power from your computer when you use the BIOS functions that are covered in today's lesson. | DAY 9 | On this second day of using BIOS functions, you will replace the functions you created on Day 4 with more powerful ones. | DAY 10 | Today's topic: the <code>getline()</code> function, which is so powerful and useful that it is the only function that you cover today. | DAY 11 | Today you get to apply the information about libraries that you learned on Day 7, as you build your own routine library. | DAY 12 | Many people want to jump right in and program a new application, but you'll save time if you plan ahead—today's topic. | DAY 13 | Today you can start coding your application by developing data entry and editing screens. | DAY 14 | Build a stronger user interface for your application by adding menus, a step in the user-friendly direction. |
| DAY 15 | Add another level of user interaction to your programs with today's lesson on action bars. | DAY 16 | Sometimes users need some extra assistance. Your programs will be even easier to use after you add help to them. | DAY 17 | Now that you've got the basics of your application set, you need to save the data using file routines. | DAY 18 | Now that you have set up your file routines, you need to set them up in your action bars, which is today's goal. | DAY 19 | This database won't be much good unless your users can get the data in report form, so you'll add this today. | DAY 20 | Now that your application is done, you need to debug, test, document, and consider potential upgrades. | DAY 21 | Where do you go from here? In this lesson, you read about your other options. Congratulations! You're done! |