

## Chapter 19

# Switch Case, or, From 'C' to Shining 'c'

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### *In This Chapter*

- ▶ Solving the endless `else-if` puzzle
  - ▶ Using `switch-case`
  - ▶ Creating a `switch-case` structure
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**H**onestly, I don't believe that `switch-case` is really a loop. But the word *loop* works so much better than my alternative, *structure thing*. That's because the statements held inside the `switch-case` structure thing aren't really repeated, yet in a way they are. Well, anyway.

This chapter uncovers the final kind-of-loop thing in the C language, which is called `switch-case`. It's not so much a loop as it's a wonderful method of cleaning up a potential problem with multiple `if` statements. As is true with most things in a programming language, it's just better for me to show you an example than to try to explain it. That's what this chapter does.

## *The Sneaky* `switch-case` *Loops*

*Let's all go to the lobby,  
Let's all go to the lobby,  
Let's all go to the lobby,  
And get ourselves a treat!*

— Author unknown

And, when you get to the lobby, you probably order yourself some goodies from the menu. In fact, management at your local theater has just devised an