



✓ You can pronounce `gets()` as “get-string” in your head. “Get a string of text from the keyboard.” However, it probably stands for “Get stdin,” which means “Get from standard input.” “Get string” works for me, though.



## *And now, the bad news about `gets()`*

The latest news from the C language grapevine is *not* to use the `gets()` function, at least not in any serious, secure programs you plan on writing. That’s because `gets()` is not considered a safe, secure function to use.

The reason for this warning — which may even appear when you compile a program using `gets()` — is that you can type more characters at the keyboard than were designed to fit inside the `char` variable associated with `gets()`. This flaw, known as a *keyboard overflow*, is used by many of the bad guys out there to write worms and viruses and otherwise exploit well-meaning programs.

For the duration of this book, don’t worry about using `gets()`. It’s okay here as a quick way to get input while finding out how to use C. But for “real” programs that you write, I recommend concocting your own keyboard-reading functions.

## *The Virtues of `puts()`*

In a way, the `puts()` function is a simplified version of the `printf()` function. `puts()` displays a string of text, but without all `printf()`’s formatting magic. `puts()` is just a boneheaded “Yup, I display this on the screen” command. Here’s the format:

```
puts(text);
```

`puts()` is followed by a left paren, and then comes the *text* you want to display. That can either be a string variable name or a string of text in double quotes. That’s followed by a right paren. The `puts()` function is a complete C language statement, so it always ends with a semicolon.

The `puts()` function’s output always ends with a newline character, `\n`. It’s like `puts()` “presses Enter” after displaying the text. You cannot avoid this side effect, though sometimes it does come in handy.