The if command's logical friends

You can use the logical operators && and | | to help the if command make multiple decisions in one statement:

The && is the logical AND operator.

The | | is the logical OR operator.

Table 14-1 explains both.

Table 14-1	Logical Operators Used in if Comparisons			
Operator	Meaning	"True" Examples		
	Or	true true		
		true false		
		false true		
&&	And	true true		

The logical operator is used on two standard if command comparisons. For example:

```
if(temperature>65 && temperature<75)
printf("My, but it's nice weather outside\n");
```

In this example, the if command makes two comparisons: temperature>65 and temperature<75. If both are true, the &&, logical AND condition is also true and the entire statement passes; the printf() function then displays the string. Table 14-2 shows the possibilities of how you can figure it out.

Table 14-2	Figuring Out a Logical AND Operation				
Temperature	temperature>65	(and)	temperature<75	Logical AND result	
45	45>65		45<75		
	FALSE	&&	TRUE	FALSE	
72	72>65		72<75		