int main()
{
    int n;
    cout << "Enter numbers in the range 1-10 to find ";
    cout << "my favorite number\n";
    do
    {
        cin >> n;       // execute body
    } while (n != 7);   // then test
    cout << "Yes, 7 is my favorite.\n";
    return 0;
}

Here's a sample run:

Enter numbers in the range 1-10 to find my favorite number
9
4
7
Yes, 7 is my favorite.

Real World Note: Strange for Loops

It's not terribly common, but you may occasionally see code that resembles the following:

```
for(;;) // sometimes called a "forever loop"
{
    I++;
    // do something ...
    if (30 >= I) break;
}
```

or another variation:

```
for(;;I++)
{
    if (30 >= I) break;
}```