Enumerated Input

Enumerated input is more difficult than output, because:

- You have to decide how you want to **encode** the external version.
- You cannot use the input operator (without overloading).
- Because the external representation is text, you can't use a **switch**, but have to use sequential **if**..**else if**..**else** statements instead.

```
Month m1; cin >> m1; // does not compile
```

Here's a version of a **read_month** function which reads from input, using the first three letters of the input to convert it to a **Month**:

You'd use the function like this:

```
cout << "Enter a month: ";
Month m;
if (read_month(m)) {
    cout << "The month is " << to_string(m) << endl;
}
else {
    cout << "You entered an invalid value." << endl;
}</pre>
```

