Compatibility Note

Some older Borland compilers give a warning about

cout << "fish #" << i+1 << ": ";

to the effect that ambiguous operators need parentheses.
Don't worry. They're just warning about a possible
grouping error if << is used in its original meaning as a
left-shift operator.

The expression cin >> fish[i] really is a cin method function call, and the function returns
cin. If cin is part of a test condition, it's converted to type bool. The conversion value is
true if input succeeds and false otherwise. A false value for the expression terminates the
loop. By the way, here's a sample run:

Please enter the weights of your fish.
You may enter up to 5 fish <q to terminate>.
fish #1: 30
fish #2: 35
fish #3: 25
fish #4: 40
fish #5: q
32.5 = average weight of 4 fish
Done.

Note the following line of code:

while (i < Max && cin >> fish[i]) {

Recall that C++ doesn't evaluate the right side of a logical AND expression if the left side is
false. In this case, evaluating the right side means using cin to place input into the array. If
i does equal Max, the loop terminates without trying to read a value into a location past the
end of the array.

The last example didn't attempt to read any input after non-numeric input. Let's look at a
case that does. Suppose you are required to submit exactly five golf scores to a C++