running it. Here is some sample output:

Doing it right:
quiz 0 is a 20
quiz 1 is a 20
quiz 2 is a 20
quiz 3 is a 20
quiz 4 is a 20

Doing it dangerously wrong:
quiz 0 is a 20
quiz 1 is a 20
quiz 2 is a 20
quiz 3 is a 20
quiz 4 is a 20
quiz 5 is a 20
quiz 6 is a 20
quiz 7 is a 20
quiz 8 is a 20
quiz 9 is a 20
quiz 10 is a 20
quiz 11 is a 20
quiz 12 is a 20
quiz 13 is a 20
...

The first loop correctly halts after displaying the first five quiz scores. But the second starts by displaying the whole array. Worse than that, it says every value is 20. Worse than that, it doesn't stop at the end of the array!

Where things go wrong, of course, is with the following test expression:

```python
quizscores[i] = 20
```

First, simply because it assigns a nonzero value to the array element, the expression always is nonzero, hence always true. Second, because the expression assigns values to the array elements, it actually changes the data. Third, because the test expression remains true, the program continues changing data beyond the end of the array. It just keeps putting more and more 20s into memory! This is not good.