

# Programming Exercise 9.1

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## Three-Question Quiz, v.3.0

**Purpose.** Learn how to apply the `bool` data type, by modifying an existing program.

**Requirements.** Rewrite Exercise 8.5's `threeQuestions2.py` program, naming the new program `threeQuestions3.py`. Modify it so that the function that you wrote in `threeQuestions2.py` returns a Boolean `True` or `False` value, and use it in `main` to count the number of correct answers. For example, do something like this:

```
correct = 0
if askQuestion("1st US president", "Washington"): correct += 1
if askQuestion("2nd US president", "Adams"): correct += 1
...
print("#of correct answers:", correct)
```

**Program I/O.** This should work exactly like v.2.0 from Exercise 8.5, except that the output should also include the number of correct answers and the total number of questions.

**Examples.** Here's what the output should look like, with user input in `blue`:

1. Who invented computers? `Bill Gates`  
Incorrect!

2. When were computers invented: `1999`  
Incorrect!

3. How many computer languages are there? `Lots`  
Correct!

That's 1 correct out of 3 questions asked.