Questions | Reading 1: Static Checking | 6.005.1x Courseware

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Questions

how types affect execution

1/1 point (graded)

```
# assume Python 2
data = [ 2, 4, 6 ]
total = 0
average = 0
n = 0
for value in data:
    n += 1
    total += value
    average = total / n
    print "average:", average
```

What averages are printed?

correct

Some problems have options such as save, reset, hints, or show answer. These options follow the Submit button.

how types affect execution, part 2

1/1 point (graded)

Here is the same program, with different starting values for the data list.

```
# assume Python 2
data = [ 1, 2, 3 ]
total = 0
average = 0
n = 0
for value in data:
    n += 1
    total += value
    average = total / n
    print "average:", average
```

Now what averages are printed?

correct

Some problems have options such as save, reset, hints, or show answer. These options follow the Submit button.

how types affect execution, part 3

1/1 point (graded)

Here is the same program one more time, again with different starting values for the data list.

```
# assume Python 2
data = [ "1", "2", "3" ]
total = 0
average = 0
n = 0
for value in data:
    n += 1
    total += value
    average = total / n
    print "average:", average
```

Now what averages are printed?

correct

Some problems have options such as save, reset, hints, or show answer. These options follow the Submit button.