

Quick Exercise

What does this code do?

```
final long YEAR      = (long) (365.25000 * 24 * 60 * 60);
long secondsRemaining = ...;
long numberOfYears   = 0;

if ( secondsRemaining > YEAR )
    numberOfYears   = secondsRemaining / YEAR;
    secondsRemaining = secondsRemaining % YEAR;
```

How Long?

n	n squared	sample time
10	100	1:40
100	10000	2:46:40
1000	1000000	277:46:40
1000000	1000000000000000	long wait

Exercise: Tallying Up Mileage

Suppose that I have a large array
of daily mileages from the last few months:

{ 3, 5, 8, 5, 8, 0, 12, 3, 6, 8, 5, 8, 0, 14, 3, 6, 8, 6, 8, 0, 16, ... }

**Write a for-loop to tally up
how many miles I ran on Sundays.**

A Solution

```
int sum = 0;
for (int i = 6; i < mileage.length; i = i+7)
    sum = sum + mileage[i];
System.out.println( sum );
```

Exercise: Making Sudoku Grids

I like to do the Sudoku puzzles in the *Courier*.

Sometimes I screw up and need to start over.

**Write a method to draw
blank Sudoku grids.**

(Be prepared to turn your solution
in at the end of class.)

Last Exercise: Making a Comic Strip

I like to read the comics in the *Courier*.

Sometimes I want to make my own!

**Write a method to create
a comic strip of your own design.**