Quick Exercise

What does this code do?

```java
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?

<table>
<thead>
<tr>
<th>n</th>
<th>n squared</th>
<th>sample time</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>100</td>
<td>1:40</td>
</tr>
<tr>
<td>100</td>
<td>10000</td>
<td>2:46:40</td>
</tr>
<tr>
<td>1000</td>
<td>1000000</td>
<td>277:46:40</td>
</tr>
<tr>
<td>1000000</td>
<td>100000000000000</td>
<td>long wait</td>
</tr>
</tbody>
</table>
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.
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.