Learning Goals

1. Practice using arrays
2. See data in a realistic context

Business Goal

Write a program that calculates the average temperature per week, for each of the last two weeks. Use the daily "high" temperature from a weather website for your location. Don't worry about rounding. Also keep track of which day was the warmest for each week.

You can write the temperature values directly into an array in your program; you don't need keyboard input for this one. You should use program logic, though, to calculate the average and the warmest day by looping through the array, rather than doing it by hand.

Here is a sample run.

```
Week 1 High Temperatures
65, 68, 72, 83, 73, 66, 85

Week 2 High Temperatures
86, 87, 85, 78, 79, 78, 80

The average daily-high temperature for week 1 is 73.
The average daily-high temperature for week 2 is 81.
In week 1, Saturday was warmest, at 85 degrees.
In week 2, Monday was warmest, at 87 degrees.
```

Coding Syntax Examples - Reference Guide

```
int[] nums = { 1, 3, 2, 5 };
for (int index = 0; index < 6; index++)
{
    System.out.println("Index " + index + " is " + ages[index]);
}
```

Testing

- Verify your results by doing the math by hand or with a calculator.