Reading:
  1. Dale, Chapter 10
  2. Dale, Lab 10

Objectives:
  1. Discuss one-dimensional arrays

Concepts:
  1. One-dimensional arrays
1. Discuss one-dimensional arrays
   - Atomic data types
   - Composite data types
   - One-dimensional arrays
   - Examples of declaring and processing arrays
   - Arrays of objects
   - Arrays and methods
   - Special kinds of array processing

2. Overview of Lab #10
Objective:
1. Learn how to create and manipulate one-dimensional arrays

Student Activities:
1. You are given the following program:

```java
import java.io.*;
public class Reverse {
    public static void main(String[] args) throws IOException {
        final int MAX = 10;
        BufferedReader inFile =
            New BufferedReader(new FileReader("reverse.dat"));
        int[] numbers;
        numbers = new int[MAX];
        int value;
        int index;
        for (index = 0; index < numbers.length; index++) {
            // Fill in code to read value
            // Fill in code to store value into numbers
        }
        for (index = MAX - 1 ; index >= 0; index--)
            // Fill in code to write numbers on the screen
    }
}
```

A) Fill in the missing code in program Reverse and run it. What is printed on the screen?
B) Extend the program Reverse to print the sum of the values stored in numbers. What is the sum?