COS126 StdIn Activity - Exercise 1.5.1

Write a program `MaxMin.java` that reads in integers (as many as the user enters) from standard input and prints out the maximum and minimum values.

```
public class MaxMin {
    public static void main(String[] args) {
        // first value read initializes min and max
        int max = ;
        int min = ;

        // read in the data, keep track of min and max
        while () {
            int value = StdIn.readInt();

        }

        // output
        StdOut.println("max = " + max + " min = " + min);
    }
}
```

Recommended Exercises: 1.5.3, 1.5.11, 1.5.13, 1.5.15
/**
 * Reads in the integer N from standard input, then a list
 * of N student records, where each record consists of four
 * fields, separated by whitespace:
 * - first name
 * - last name
 * - email address
 * - which section they're in
 * Then, print a list of email address of students in sections 4 and 5.
 * (Booksite Web Exercise 1.5.31)
 */

public class Students {
    public static void main(String[] args) {
        // read the number of students
        int N = ____________________________

        // declare and initialize four parallel arrays
        String[] first = new String[N];
        _______ last = ___________________
        String[] _______ = __________________
        int[] section = ___________________

        // read in the data from standard input
        for (_______________; __________; ________) {
            first[___] = StdIn.readString();
            last[___] = _______________________
            email[___] = _______________________
            section[___] = _____________________
        }

        // print email addresses of all students in section 4
        StdOut.println("Section 4");
        StdOut.println("--------");
        for (int i = 0; i < N; i++) {
            if (____________________________) {
                StdOut.println(___________);
            }
        }
    }
}