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.

```java
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
1 // ***********************************************************************
2 * Compilation:  javac Students.java
3 * Execution: java Students < students.txt
4 * data file http://www.cs.princeton.edu/introcs/15inout/students.txt
5 * Dependencies: StdIn.java StdOut.java
6 * 
7 * Reads in the integer N from standard input, then a list
8 * of N student records, where each record consists of four
9 * fields, separated by whitespace:
10 * - first name
11 * - last name
12 * - email address
13 * - which section they're in
14 * Then, print a list of email address of students in sections 4 and 5.
15 * (Booksite Web Exercise 1.5.31)
16 ***********************************************************************/

48 public class Students {
49     public static void main(String[] args) {
50         // read the number of students
51         int N = ______________________________
52
53         // declare and initialize four parallel arrays
54         String[] first = new String[N];
55         ________ last = ____________________
56         _______ = ____________________
57         int[] section = ____________________
58
59         // read in the data from standard input
60         for (____________; ____________________; __________) {
61             first[___] = StdIn.readString();
62             last[___] = _________________________
63             email[___] = _________________________
64             section[___] = _________________________
65         }
66
67         // print email addresses of all students in section 4
68         StdOut.println("Section 4");
69         StdOut.println("-------");
70         for (int i = 0; i < N; i++) {
71             if (________________________________) {
72                 StdOut.println(_____________);
73             }
74         }
75     }
87 }