Practice Exercise #50: Health Screen

http://www.comp.nus.edu.sg/~cs1010/4_misc/practice.html

Reference: Week 12 Lecture Exercise #3

Date of release: 3 November 2014

Objectives: Array of structures

Task statement:

Write a program **health_screen.c** to read in a list of health screen readings:

- Each input line represents a reading consisting of 2 numbers: a value (of type **float**) indicating the health score, and a value (of type **int**) indicating the number of people with that score.

- You may assume that there are at most 50 readings.

- The input should end with the reading 0 0, or when 50 readings have been read.

As the readings are gathered from various clinics, there might be duplicate scores in the input. You are to determine how many unique scores there are.

Sample run:

```
Enter score and frequency (end with 0 0):
5.2135 3
3.123 4
2.9 3
0.87 2
2.9 2
8.123 6
3.123 2
7.6 3
2.9 4
0.111 5
0 0
Number of unique readings = 7
```