

Practice S03P09: Increasing Order

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

Reference: Week 4

Week of release: Week 4

Objectives: Repetition and selection statements

Task statement:

Write a program **check_order.c** to read in a list of positive integers. The program is to continue asking for the next positive integer as long as the integers entered are in increasing order. The moment the input data are not in increasing order, or the input value is zero, the input ends. The program should then report whether the input data are in increasing order or not.

You may assume that at least one positive integer will be entered. If there is only one positive integer in the list, we will treat the list as it is in increasing order.

You may write all the code in the main() function.

Sample runs:

```
Enter positive integer: 1
Enter positive integer: 5
Enter positive integer: 9
Enter positive integer: 3
Data are not in increasing order.
```

```
Enter positive integer: 100
Enter positive integer: 101
Enter positive integer: 102
Enter positive integer: 111
Enter positive integer: 140
Enter positive integer: 0
Data are in increasing order.
```