

Homework 1

Due: 30 Mar 2009

Problem 1.1

Write a program that reads in integers from standard input using `scanf`. Once the user inputs the special number 9999, your program should print a summary of the highest number entered, the lowest number entered, and the average (mean) of all the numbers entered, rounded towards zero. (The number 9999, being the ‘end’ code, should be ignored in the summary.) It should be formatted so the ones column of the numbers lines up:

```
Min:  -4
Max: 137
Avg:  26
```

Bonus: display the average to a precision of four decimal places.

Hand it in using the handin script as follows:

```
handin cs226 hwk1 readnums.c
```

(except you can call the `.c` file whatever you want).