

Up to 100

Purpose

Utilization of loops and conditional statements.

Directions

PART A (Due by end of first lab session)

Write a program that asks the user to enter numbers and keeps a running total (the sum of all of the numbers the user has entered so far). The program should stop when the running total becomes greater than 100.

PART B

When the program stops, it should tell the user how many numbers they entered before the total reached or exceeded 100. In addition, tell the user how much they exceeded 100 by.

Examples

```
Enter a number: 14
Enter a number: 18
Enter a number: 27
Enter a number: 74
You entered 3 values before the total was greater than 100.
You exceeded 100 by 33.
```

```
Enter a number: 14
Enter a number: -10
Enter a number: 97
You entered 2 values before the total was greater than 100.
You exceeded 100 by 1.
```