Write a procedure

```c
void count_and_add(int& num, int& sum);
```

to read a sequence of integer numbers until its end, and store in `num` how many numbers it has, and store in `sum` the sum of those numbers. For instance, if the input sequence is

```
10 -3 23
```

the values after the call must be `num = 3` and `sum = 30`.

**Observation**

You only need to submit the required procedure; your main program will be ignored.

**Problem information**

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