Alternative Adder

Time Limit: 1.0s   **Memory Limit:** 32M

Problem Statement

Please write a function called **"adder"** that can accept an arbitrary number of arguments.

The adder function should add the first argument, then subtract the second argument, add the third argument, and so on.

Please only submit the adder function that you define.

You may test your adder function locally by inserting the following snippet in your code:

```python
if __name__ == '__main__':
    t = int(input())
    for i in range(1, t+1):
        args = map(int, input().split())
        print("Case #%d: %d" % (i, adder(*args)))
```

Input Specification

The first line of the input gives the number of test cases,   ,   test cases follow. Each test case consists of a line. The line contains   arguments of adder function, seperated by a space.

Limits

Memory limits: 32MB.

Time limits: 1 second.

Test Set 1

Sample Case

Test Set 2

Test Set 3

Output Specification

For each test case, output one line containing `Case #x: y` , where   is the case number(starting from 1), and   is the result after calling your adder function.

Sample Input

```
3
3 0 1
1
-7 4 8 -5
```

Sample Output

```
Case #1: 4
Case #2: 1
Case #3: 2
```

Explaination

In Case#1 we will call adder(3,0,1) in our main function, the result will be   since

In Case#2 we will call adder(1) in our main function, the result will be   .

In Case#3 we will call adder(-7,4,8,-5) in our main function, the result will be   since

Hint

`Variable Length Arguments`