



(/en/),  
v1.1.0

# CSD Testing System

(/en/)

## Long arithmetic: subtracting b from a

Cost: 6 | Solved: 44

**Memory limit:** 256 MBs

**Time limit:** 1 s

**Input:** input.txt

**Output:** output.txt

### Task:

You are given two naturals **a** and **b**. Write their difference.

### Input:

The first line contains two numbers **n** and **m** ( $1 \leq n, m \leq 1000$ ) - the quantity of digits of **a** and **b** respectively.

The second line contains digits of number **a**.

The third line contains digits of number **b**.

### Output:

The difference of **a** and **b**.

### Example:

Input	Output
3 4 1 0 0 1 0 0 0	-900

17 1	
1 2 3 4 5 6 7 8 9 8 7 6 5 4 3 2 1	12345678987654320
1	