Problem 44: Addiply

Difficulty: Easy

Originally Published: Code Quest 2017

Problem Background

Nowadays if you put two things together you need to come up with a cool name to describe the two things together, like Bennifer or Brangelina. In this problem, you will deal with the concepts of addition and multiplication. You will Addiply!

Problem Description

Your task is to write a program which does simple addition and multiplication based on 2 input numbers.

Sample Input

The first line of your program's input, received from the standard input channel, will contain a positive integer representing the number of test cases. Each test case will include:

- A single line containing two positive integers separated by a space. The numbers will be small enough that they will not exceed the maximum integer size when multiplied together.

```
3
2 2
5 4
3 8
```

Sample Output

For each test case, your program should output 2 numbers: the first will be the result of adding the two input numbers, the other will be the result of multiplying the two input numbers. Separate your two answers with a single space.

```
4 4
9 20
11 24
```