

4. Print and Sum

You will receive two whole numbers from the console representing the **start** and the **end** of a **sequence of numbers**.

Your task is to print two lines:

- On the **first line**, **print** all numbers from the **start** of the sequence to the **end inclusive**
- On the second line, print the sum of the sequence in the format: "**Sum: {sum}**"

Examples

Input	Output
5 10	5 6 7 8 9 10 Sum: 45
0 26	0 1 2 ... 26 Sum: 351
50 60	50 51 52 53 54 55 56 57 58 59 60 Sum: 605