Sum of 3D Vectors

Consider $\mathbf{u}$= [$u1$, $u2$, $u3$] and $\mathbf{v}$= [$v1$, $v2$, $v3$] as vectors. The sum of these two vectors is:

$$\mathbf{u}+\mathbf{v}= [u1 + v1, u2 + v2, u3 + v3]$$

Write a program that reads input of 2 3-Dimensional vectors, then shows an output which is the sum of the 2 vectors.

Input

2 3-Dimensional vectors, each on a different line, in the format of **[number, number, number]**.

Output

The sum of 2 3-Dimenstional vectors, in the format that includes input vectors (as shown in examples below).

Example

Input (From keyboard)	Output (On screen)
`[1, 2, 3]` `[2, 3, 4]`	`[1.0, 2.0, 3.0] + [2.0, 3.0, 4.0] = [3.0, 5.0, 7.0]`
`[1.25, 2.5, 3.0]` `[-2.5, 1.3, -2.5]`	`[1.25, 2.5, 3.0] + [-2.5, 1.3, -2.5] = [-1.25, 3.8, 0.5]`
`[0, 10, 0]` `[10, 0, 10]`	`[0.0, 10.0, 0.0] + [10.0, 0.0, 10.0] = [10.0, 10.0, 10.0]`

Hint:

If **d = [1.2, 3.4, 5.6]** is a list, function **print(d)** will show **[1.2, 3.4, 5.6]** on the screen.