You are given two **0-indexed** integer arrays of the same length present and future where present[i] is the current price of the ith stock and future[i] is the price of the ith stock a year in the future. You may buy each stock at most **once**. You are also given an integer budget representing the amount of money you currently have.

Return *the maximum amount of profit you can make.*

**Example 1:**

**Input:** present = [5,4,6,2,3], future = [8,5,4,3,5], budget = 10

**Output:** 6

**Explanation:** One possible way to maximize your profit is to:

Buy the 0th, 3rd, and 4th stocks for a total of 5 + 2 + 3 = 10.

Next year, sell all three stocks for a total of 8 + 3 + 5 = 16.

The profit you made is 16 - 10 = 6.

It can be shown that the maximum profit you can make is 6.

**Example 2:**

**Input:** present = [2,2,5], future = [3,4,10], budget = 6

**Output:** 5

**Explanation:** The only possible way to maximize your profit is to:

Buy the 2nd stock, and make a profit of 10 - 5 = 5.

It can be shown that the maximum profit you can make is 5.

**Example 3:**

**Input:** present = [3,3,12], future = [0,3,15], budget = 10

**Output:** 0

**Explanation:** One possible way to maximize your profit is to:

Buy the 1st stock, and make a profit of 3 - 3 = 0.

It can be shown that the maximum profit you can make is 0.

**Constraints:**

* n == present.length == future.length
* 1 <= n <= 1000
* 0 <= present[i], future[i] <= 100
* 0 <= budget <= 1000