Easy **Codewriting** **1000**

You have two integer arrays, `a` and `b`, and an integer target value `v`. Determine whether there is a pair of numbers, where one number is taken from `a` and the other from `b`, that can be added together to get a sum of `v`. Return `true`if such a pair exists, otherwise return `false`.

Example

For `a = [1, 2, 3]`, `b = [10, 20, 30, 40]`, and `v = 42`, the output should be `sumOfTwo(a, b, v) = true`.

Input/Output

- **[execution time limit] 20 seconds (swift)**
- **[input] array.integer a**

  An array of integers.

  Guaranteed constraints:
  $0 \le a.length \le 10^5$,
  $-10^9 \le a[i] \le 10^9$.

- **[input] array.integer b**

  An array of integers.

  Guaranteed constraints:
  $0 \le b.length \le 10^5$,
  $-10^9 \le b[i] \le 10^9$.

- **[input] integer v**

  Guaranteed constraints:
  $-10^9 \le v \le 10^9$.

- **[output] boolean**

  `true` if there are two elements from `a` and `b` which add up to `v`, and `false` otherwise.

[Swift3] Syntax Tips

```
// Prints help message to the console
// Returns a string
func helloWorld(name: String) -> String {
    print("This prints to the console when you Run Tests");
    return "Hello, " + name;
}
```