Is Infinite Process?   ⌄

DESCRIPTION   SOLUTIONS 19097   COMMENTS 20   ❯   CODEWRITING   SCORE: 300/300

Given integers `a` and `b` , determine whether the following pseudocode results in an infinite loop

```
while a is not equal to b do
  increase a by 1
  decrease b by 1
```

Assume that the program is executed on a virtual machine which can store arbitrary long numbers and execute forever.

Example

- For `a = 2` and `b = 6` , the output should be
  `isInfiniteProcess(a, b) = false`;
- For `a = 2` and `b = 3` , the output should be
  `isInfiniteProcess(a, b) = true` .

Input/Output

- **[execution time limit] 4 seconds (js)**

- **[input] integer a**

  Guaranteed constraints:
  `0 ≤ a ≤ 20` .

- **[input] integer b**

  Guaranteed constraints:
  `0 ≤ b ≤ 20` .

- **[output] boolean**

  `true` if the pseudocode will never stop, `false` otherwise.

[JavaScript (ES6)] Syntax Tips

```
// Prints help message to the console
// Returns a string
function helloWorld(name) {
```