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import sys
import numpy as np
# function to calculate
# Small result between
# two arrays

def findSmallestDifference(A, B):

    # Initialize result as max value

    result = sys.maxsize

    # Scan Both Arrays upto

    # sizeof of the Arrays

    for x in A:
        for y in B:
            if abs(x - y) < result:
                result = abs(x-y)
                first_element = x
                second_element = y
    #print(f"the closest pair is {first_element} and {second_element}")

    # return final sma result
    print(f"the closest pair is {first_element} and {second_element}")
# Driver Code

# Input given array A

A = np.random.randint(1,10000000, 1000)

# Input given array B

B = np.random.randint(1,10000000,1000)

# Call function to
# print smallest result

print(findSmallestDifference(A, B))

```