

Arithmetic Number

Monday, January 3, 2022 10:11 AM

Arithmetic Number

Easy Accuracy: 48.05% Submissions: 39741 Points: 2

Given three integers 'A' denoting the first term of an arithmetic sequence , 'C' denoting the common difference of an arithmetic sequence and an integer 'B'. you need to tell whether 'B' exists in the arithmetic sequence or not.

Example 1:

Input: A = 1, B = 3, C = 2

Output: 1

Explanation: 3 is the second term of the sequence starting with 1 and having a common difference 2.

Example 2:

Input: A = 1, B = 2, C = 3

Output: 0

Explanation: 2 is not present in the sequence.

Your Task:

You do not need to read input or print anything. Your task is to complete the function **inSequence()** which takes A, B and C and returns 1 if B is present in the sequence. Otherwise, returns 0.

Expected Time Complexity: $O(1)$

Expected Auxiliary Space: $O(1)$

View Bookmarked Problems

Company Tags



○ FactSet

Topic Tags



Related Interview Experiences



○ Ola cabs interview experience set 2 android 1 5 years

○ Paytm interview experience set 16

From <<https://practice.geeksforgeeks.org/problems/arithmetic-number2815/1>>