

Given an array of size **N-1** such that it can only contain distinct integers in the range of **1 to N**. Find the missing element.

Example 1:

Input:

N = 5

A[] = {1,2,3,5}

Output: 4

Example 2:

Input:

N = 10

A[] = {1,2,3,4,5,6,7,8,10}

Output: 9

Your Task :

Complete the function **MissingNumber()** that takes array and N as input and returns the value of the missing number.

Expected Time Complexity: O(N).

Expected Auxiliary Space: O(1).

Constraints:

$1 \leq N \leq 10^6$

$1 \leq A[i] \leq 10^6$