**E - (GFG) Find minimum and maximum element in an array**

Given an array A of size N of integers. Your task is to find the minimum and maximum elements in the array.

**Example 1:**

Input:

N = 6

A[] = {3, 2, 1, 56, 10000, 167}

Output: 1 10000  
**Explanation**: minimum and maximum elements of array are 1 and 10000.

**Example 2:**

Input:

N = 5

A[] = {1, 345, 234, 21, 56789}

Output: 1 56789  
**Explanation**: minimum and maximum element of array are 1 and 56789.

**Your Task:**You don't need to read input or print anything. Your task is to complete the function getMinMax() which takes the array A[] and its size N as inputs and returns the minimum and maximum element of the array.

**Expected Time Complexity:** O(N)  
**Expected Auxiliary Space**: O(1)

**Constraints:**  
1 <= N <= 105  
1 <= Ai <=1012

**Solution:**

class Compute

{

static Pair getMinMax(long a[], long n)

{

long minValue=a[0];

long maxValue=a[0];

for( int i=0 ;i<n; i++ ){

If( minValue > a[i] )

minValue = a[i];

if( maxValue < a[i] )

maxValue = a[i];

}

return new Pair(minValue,maxValue);

}

}