

<https://course.acciojob.com/idle?question=99b81b59-403c-4cfa-9a1e-8b45d9bd964d>

● EASY

● Max Score: 30 Points

## Second Smallest

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Find the 2nd smallest element in an unsorted array `arr`.

### Input Format

The first line contains integer `N`.

The next line contains `N` natural numbers for the array `arr`

### Output Format

In a new line, print the 2nd smallest element in the array.

### Example 1

Input

```
6
3 2 1 5 6 4
```

Output

```
2
```

Explanation

Smallest here is 1 and after it second smallest is 2.

### Example 2

Input

```
6
3 7 1 4 5 6
```

Output

```
3
```

Explanation

Smallest here is 1 and after it second smallest is 3.

## Constraints

$1 \leq n \leq 10^4$

$2 \leq \text{arr}[i] \leq 10^7$

### Topic Tags

- **Arrays**

# My code

// in java

```
import java.util.*;
import java.lang.*;
import java.io.*;
```

```
public class Main
{
```

```
    public static void main (String[] args) throws java.lang.Exception
    {
```

```
        //your code here
Scanner s=new Scanner(System.in);
int n=s.nextInt();
int arr[]=new int[n];
for(int i=0;i<n;i++)
    arr[i]=s.nextInt();
Arrays.sort(arr);
System.out.print(arr[1]);

    }
}
```