Day-40 of the #101 days of coding challenge----

Problem—

find the minimum missing element in the input array.

Code:-

```
#include <iostream>
using namespace std;

void swap(int *a, int *b)
{
    int temp;
    temp = *a;
    *a = *b;
    *b = *a;
}

void sorting(int *arr, int n)
{
    for(int i = 0; i<n; i++)
```

```cpp
    {
        for(int j = 0; j<n-i-1; j++)
        {
            if(arr[j] > arr[j+1])
            {
                swap(&arr[j], &arr[j+1]);
            }
        }
    }
}
int missingMinimumElement(int *arr, int n)
{
    sorting(arr,n);
    int i;
    for(i = 0; i<n; i++)
    {
        if(arr[i]<arr[i+1] && arr[i+1] != arr[i]+1)
        {
            cout<<arr[i]+1<<endl;
            break;
```

```cpp
        }

    }



}

int main() {

    int n;

    cout<<"Enter the size of the array"<<endl;

    cin>>n;



    int arr[n];



    cout<<"Enter the elements"<<endl;

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

    {

        cin>>arr[i];

    }



    cout<<"Minimum missing element is:"<<endl;

    missingMinimumElement(arr,n);
```

```
    return 0;

}
```

Output:-

```
Enter the size of the array
5
Enter the elements
12 14 13 16 19
Minimum missing element is:
15
```