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1 Find the lost number

sort the array

```
sorted_array = sorted(A)
```

loop through the array and check if the next number of the current number is =
number + 1, if not (number + 1) is the lost number

```
i = 0
```

```
while i < (len(sorted_array) - 1):
```

```
    first = sorted_array[i]
```

```
    second = sorted_array[i + 1]
```

```
    expected = first + 1
```

```
    if expected != second:
```

```
        return expected
```