

# Missing Number I

```
1 # Method 1
2 class Solution(object):
3     def missing9self, array):
4         """
5         input: int[] array
6         return: int
7         """
8         # write your solution here
9         array, n = set(array), len(array) + 1
10        for num in range(1, 1+N):
11            if num not in array:
12                return num
13 # Method 2
14 class Solution(object):
15     def missing9self, array):
16         """
17         input: int[] array
18         return: int
19         """
20        # write your solution here
21        N = len(array) + 1
22        return N*(N+1)/2 - sum(array)
```