

Assignment 5: Mathy Arrays

- Given an array of integers, return the smallest positive integer not present in the array
- Here is a representative example. Consider the array:
- $\{-2, 6, 4, 5, 7, -1, 7, 1, 3, 6, 6, -2, 9, 10, 2, 2\}$
- After reordering, the array becomes:
- $\{-2, -2, -1, 1, 2, 2, 3, 4, 5, 6, 6, 6, 7, 7, 9, 10\}$
- So the smallest missing positive integer is 8

Example Code:

```
MinMissPos({ -2, 6, 4, 5, 7, -1, 1, 3, 6, -2, 9, 10, 2, 2 }) → 8
```

After sorting, the array becomes { -2, -2, -1, 1, 2, 2, 3, 4, 5, 6, 6, 7, 9, 10 }

So the smallest missing positive integer is 8