

sort(3 3 5 1 2 2) = 1 2 2 3 3 5 (✓)
sort(4 5 6 1 3 2) = 1 2 3 4 4 6 (✗)

sort(3 3 5 1 2 2) = 1 2 2 3 3 5 (✓)
sort(4 5 6 1 3 2) = 1 2 3 4 5 6 (✓)

Correctness Loss

9

8

7

6

5

4

3

2

1

0

sort(3 3 5 1 2 2) = 2 3 3 3 5 2 (✗)
sort(4 5 6 1 3 2) = 2 3 4 5 6 1 (✗)

sort(3 3 5 1 2 2) = 1 2 2 3 3 5 (✓)
sort(4 5 6 1 3 2) = 1 2 3 4 5 6 (✓)

- Repair Trajectory
- Buggy Program
- Repaired Program