

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

— Repair Trajectory
✗ Buggy Program
● Repaired Program

Correctness Loss

9.0

7.5

6.0

4.5

3.0

1.5

0.0

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