

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

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

Correctness Loss

9.0

7.5

6.0

4.5

3.0

1.5

0.0

— Repair Trajectory
✗ Buggy Program
● Repaired Program

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

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