

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

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

Correctness Loss

9.5
8.5
7.5
6.5
5.5
4.5
3.5
2.5
1.5
0.5

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

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

— Repair Trajectory
✗ Buggy Program
● Repaired Program