

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

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

— Repair Trajectory
✗ Buggy Program
● Repaired Program

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

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

Correctness Loss

