

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(6 6 1 6 1 2) = 1 1 3 6 6 6 (✗)

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(6 6 1 6 1 2) = 1 2 3 5 6 6 (✗)

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(6 6 1 6 1 2) = 1 1 2 6 6 6 (✓)

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

— Repair Trajectory
✗ Buggy Program
● Repaired Program

Correctness Loss

