

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 (✓)

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

— Repair Trajectory  
✗ Buggy Program  
● Repaired Program

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 (✓)

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

Correctness Loss

