

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

— Repair Trajectory  
✗ Buggy Program  
● Repaired Program

Correctness Loss

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

2.7  
2.4  
2.1  
1.8  
1.5  
1.2  
0.9  
0.6  
0.3  
0.0