

Correctness Loss

9.0  
7.5  
6.0  
4.5  
3.0  
1.5  
0.0

Repair Trajectory  
✗ Buggy Program  
● Repaired Program

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

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

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

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

