

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

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

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

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

— Repair Trajectory  
✗ Buggy Program  
● Repaired Program

Correctness Loss

9.0

7.5

6.0

4.5

3.0

1.5

0.0