

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

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

Correctness Loss

9.0

7.5

6.0

4.5

3.0

1.5

0.0

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

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

— Repair Trajectory  
✗ Buggy Program  
● Repaired Program