

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

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

9.0

7.5

6.0

4.5

3.0

1.5

0.0

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

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 (✓)