

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

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

Repair Trajectory
Buggy Program
Repaired Program

Correctness Loss

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

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

9.0
7.5
6.0
4.5
3.0
1.5
0.0