

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

Correctness Loss



- Repair Trajectory
- Buggy Program
- Repaired Program

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