

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



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

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