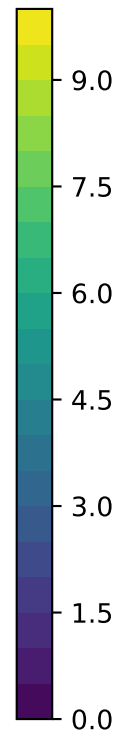


sort(6 4 5 1 5 4) = 4 4 4 4 5 6 (X)
sort(3 3 5 1 2 2) = 2 2 2 2 5 3 (X)
sort(1 6 3 5 6 4) = 6 6 6 6 6 6 (X)

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

Repair Trajectory
Buggy Program
Repaired Program

Correctness Loss



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

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