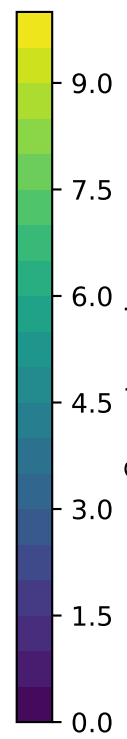


sort(2 4 1 4 2 3) = 1 2 2 3 4 4 (✓)
sort(3 3 5 1 2 2) = 1 2 2 2 3 5 (✗)
sort(6 6 6 6 5 2) = 2 2 5 6 6 6 (✗)

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

— Repair Trajectory
✗ Buggy Program
● Repaired Program

Correctness Loss



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

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

