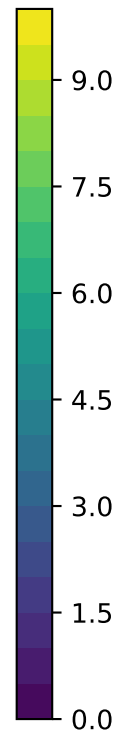


Correctness Loss



- Repair Trajectory
- Buggy Program
- Repaired Program

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(6 1 6 4 6 6) = 1 6 6 6 6 6 (✗)

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

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(6 1 6 4 6 6) = 1 4 6 6 6 6 (✓)

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