

reverse(b c a c b b) = b b c b b b (X)
reverse(d b d e a a) = a d d d d d (X)
reverse(c e d e d c) = c d e c c c (X)

reverse(b c a c b b) = b b c a c b (✓)
reverse(d b d e a a) = a a e d b d (✓)
reverse(c e d e d c) = c d e d e c (✓)

— Repair Trajectory
✗ Buggy Program
● Repaired Program

Correctness Loss

9

8

7

6

5

4

3

2

1

0

reverse(b c a c b b) = b b c a c b (✓)
reverse(d b d e a a) = a e e d b d (X)
reverse(c e d e d c) = c c e d e c (X)

reverse(b c a c b b) = b b c a c b (✓)
reverse(d b d e a a) = a a e d b d (✓)
reverse(c e d e d c) = c d d d e c (X)