

Code Analysis Report

File: buggy.java

Language: Java

Analysis Date: 2025-10-03T09:59:33.646939Z

Quality Metrics

Metric	Score	Status
Overall Quality	48/100	Low
Code Coverage	0%	Fail
Complexity	0/100	Low
Quality Level	Unknown	

Bug Analysis

Detection Efficiency	60%
Total Bugs Found	0
Severity	Medium

Time Complexity Analysis

Dominant Complexity: $O(1)$

Confidence: 70%

Code Review

```
System.out.println(System.out.println(System.out.println(System.out.println(System.out.println(Sys
em.out.println(System.out.println(System.out.println(x))))))System.out.println(System.out.println(Sys
tem.out.println(System.out.println(System.out.println(x))System.out.println(System.out.println(System.
out
```

Generated Tests

```
public static void System.out.println(System.out.println(System.out.println(System.out.println(Syste
m.out.println(System.out.println(System.out.println(System.out.println(System.out.println(System.out
.println(System.out.println(System.out.println(System.out.println(System.out.println(System.out.prin
tln(System.out
```

Generated Documentation

```
System.out.println(System.out.println(System.out.println(System.out.println(System.out.println(Syst
em.out.println(System.out.println(System.out.println(x))))))System.out.println(System.out.println(Sys
tem.out.println(System.out.println(System.out.println(System.out.println(System.out.println(System.
out
```