

Code Analysis Report

File: buggy.java
Language: Java
Analysis Date: 2025-10-03T10:45:35.612194Z

Quality Metrics

Metric	Score	Status
Overall Quality	49/100	Low
Code Coverage	2%	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(x); } class{
```

Generated Tests

```
public static voidSystem.out.println(x); // O(2) public static int}
```

Generated Documentation

```
public static voidSystem.out.println(x); }
```