

Code Analysis Report

File: buggy.java
Language: Java
Analysis Date: 2025-10-03T12:45:59.185762Z

Quality Metrics

Metric	Score	Status
Overall Quality	72/100	Medium
Code Coverage	16%	Fail
Complexity	0/100	Low
Quality Level	Medium	

Bug Analysis

Detection Efficiency	59%
Total Bugs Found	2
Severity	Low
Category: performance_issues	0
Category: syntax_errors	2
Category: runtime_errors	0
Category: logic_errors	0
Category: security_issues	0

Time Complexity Analysis

Dominant Complexity: O(1)
Confidence: 70%

Code Review

Basic code structure detected. Potential syntax issues based on compile check. Suggestion: Check semicolons and braces.

Bug Report

```
System.out.println(...))))System.out.println(System.out.println(System.out.println(System.out.println(
```

Generated Tests

```
public static void System.out.println(x); // O(1) System.in.println(); }
```

Generated Documentation

```
# API Documentation

## Class BuggyOne
- **Language**: Java

### main
- **Parameters**: String[] args
- **Returns**: Unknown

## Usage
```

Compile and run
java BuggyOne
```
```