

# Code Analysis Report

**File:** buggy.java

**Language:** Java

**Analysis Date:** 2025-09-30T15:29:06.812009Z

## 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	80%
Total Bugs Found	0
Severity	High

## Time Complexity Analysis

**Dominant Complexity:**  $O(1)$

**Confidence: 70%**

## Code Review

```
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ut.println(System.out.println(System.out.println(System.out.println(System.out.println(System.out.pri
ntln(x
```

# Bug Report

```
uploads\buggy.java:3: error: ';' expected int x = 5 ^ uploads\buggy.java:4: error: ')' or ',' expected
System.out.println(x; // O(1) ^ 2 errors
```

## Generated Tests

```
System.out.println(System.out.println(System.out.println(System.out.println(System.out.println(Syst
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```

## Generated Documentation

```
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