

Code Analysis Report

File: ConstantTime.java
Language: Java
Analysis Date: 2025-10-03T09:54:19.744212Z

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

```
public static voidSystem.out.println(getFirst(arr));System.out.println(getFirst(arr));System.out.println
(getFirst(arr));System.out.println(getFirst(arr));System.out.println(getFirst(arr));System.out.println(g
etFirst(arr));System.out.println(getFirst(arr));System.out.println(getFirst(
```

Generated Tests

```
public static voidSystem.out.println(getFirst(arr));System.out.println(getFirst(arr));System.out.println
(getFirst(arr));System.out.println(getFirst(arr));System.out.println(getFirst(arr));System.out.println(g
etFirst(arr));System.out.println(getFirst(arr));System.out.println(getFirst(
```

Generated Documentation

```
System.out.println(getFirst(arr));System.out.println(getFirst(arr));System.out.println(getFirst(arr));Sy
system.out.println(getFirst(arr));System.out.println(getFirst(arr));System.out.println(getFirst(arr));Syste
m.out.println(getFirst(arr));System.out.println(getFirst(arr));System.out.println(getFirst
```