

Code Analysis Report

File: ConstantTime.java
Language: Java
Analysis Date: 2025-09-30T06:15:37.790686Z

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	0%
Total Bugs Found	0
Severity	Low

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  
stem.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
```