

Code Analysis Report

File: ConstantTime.java
Language: Java
Analysis Date: 2025-10-03T11:23:28.428061Z

Quality Metrics

Metric	Score	Status
Overall Quality	52/100	Low
Code Coverage	15%	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));int[] arr = {10, 20,int[] {10,20,30}; int[][] arr ==
{0,1,}int [ ] arr =; int= { 0 ,;int [arr = { 10 ,, 20 , 30;System . out . println ) ;System
```

Generated Tests

```
public static voidint[] arr = {10,20, 30};System.out.println(getFirst(arr)); public static int
getFirst(int[] {;System . out.print(arr[0]);System.err.println("getFirst: " +}
```

Generated Documentation

```
public static void{int[] arr = {10,20, 30};System.out.println(getFirst(arr)); public static int  
getFirst(int[] {10, 20,};int= {30,} }
```