

# Code Analysis Report

**File:** ConstantTime.java  
**Language:** Java  
**Analysis Date:** 2025-09-29T18:21:36.231345Z

## 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
```