

Isomorphic.java

```

1  package com.example.string;
2
3  import java.util.HashMap;
4
5  public class Isomorphic {
6      public boolean areIsomorphic(String str1, String str2) {
7
8          HashMap<Character, Character> charCount = new HashMap();
9          char c = 'a';
10         for (int i = 0; i < str1.length(); i++) {
11             if (charCount.containsKey(str1.charAt(i))) {
12                 c = charCount.get(str1.charAt(i));
13                 if (c != str2.charAt(i))
14                     return false;
15             } else if (!charCount.containsKey(str2.charAt(i))) {
16                 charCount.put(str1.charAt(i),
17                             str2.charAt(i));
18             } else {
19                 return false;
20             }
21         }
22     }
23     return true;
24 }
25 }
```

Mutations

[10](#) 1. negated conditional → KILLED
 2. changed conditional boundary → KILLED
[11](#) 1. negated conditional → KILLED
[13](#) 1. negated conditional → KILLED
[14](#) 1. replaced boolean return with true for
 com/example/string/Isomorphic::areIsomorphic → NO_COVERAGE
[15](#) 1. negated conditional → KILLED
[20](#) 1. replaced boolean return with true for
 com/example/string/Isomorphic::areIsomorphic → KILLED
[23](#) 1. replaced boolean return with false for
 com/example/string/Isomorphic::areIsomorphic → KILLED

Active mutators

- CONDITIONALS_BOUNDARY
- EMPTY_RETURNS
- FALSE_RETURNS
- INCREMENTS
- INVERT_NEGS
- MATH
- NEGATE_CONDITIONALS

- NULL_RETURNS
- PRIMITIVE_RETURNS
- TRUE_RETURNS
- VOID_METHOD_CALLS

Tests examined

- com.example.string.IsomorphicTest.test(com.example.string.IsomorphicTest) (0 ms)

Report generated by [PIT](#) 1.15.0