LeftRotateByK.java

```
1     package com.example.string;
2     
3     
4     import java.util.ArrayDeque;
5     import java.util.Deque;
6     
7     public class LeftRotateByK {
8     
9         public String leftRotateString(String s, int d) {
10            Deque<Character> charDeque = new ArrayDeque<>();
11            for (char c : s.toCharArray()) {
12 1              charDeque.addLast(c);
13            }
14 2          for (int i = 0; i < d; i++) {
15                char firstChar = charDeque.removeFirst();
16 1              charDeque.addLast(firstChar);
17            }
18            StringBuilder result = new StringBuilder();
19            for (char c : charDeque) {
20                result.append(c);
21            }
22 1          return result.toString();
23        }
24    }
```

Mutations

```
12  1. removed call to java/util/Deque::addLast → KILLED
14  1. negated conditional → KILLED
    2. changed conditional boundary → KILLED
16  1. removed call to java/util/Deque::addLast → KILLED
22  1. replaced return value with "" for
    com/example/string/LeftRotateByK::leftRotateString → 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.LeftRotateByKTest.test(com.example.string.LeftRotateByKTest) (0 ms)

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