Part 2 | Final Exam | 6.005.1x Courseware

1. Course , current location
2. Progress

Part 2

DRY

0.0/3.0 points (graded)

Which of the following are true about Don't Repeat Yourself (DRY)?

unanswered

Some problems have options such as save, reset, hints, or show answer. These options follow the Submit button.

Reading Java

0.0/2.0 points (graded)

```
public static boolean leap(int y) {
    String tmp = String.valueOf(y);
    if (tmp.charAt(2) == '1' || tmp.charAt(2) == '3' || tmp.charAt(2) == 5
            || tmp.charAt(2) == '7' || tmp.charAt(2) == '9') {
        if (tmp.charAt(3)=='2'||tmp.charAt(3)=='6') return true; /*R1*/
        else
            return false; /*R2*/
    }else{
        if (tmp.charAt(2) == '0' && tmp.charAt(3) == '0') {
            return false; /*R3*/
        }
        if (tmp.charAt(3)=='0'||tmp.charAt(3)=='4'||tmp.charAt(3)=='8')return
true; /*R4*/
    }
    return false; /*R5*/
}
```

What happens when you call:

```
leap(2015)
```

unanswered

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Partitioning

0.0/2.0 points (graded)

Consider the following specification:

```
/**
 * Reverses the end of a string.
 *
 *                           012345                     012345
 * For example: reverseEnd("Hello, world", 5) returns "Hellodlrow ,"
 *                                <----->                   <----->
 *
 * With start == 0, reverses the entire text.
 * With start == text.length(), reverses nothing.
 *
 * @param text    non-null String that will have its end reversed
 * @param start   the index at which the remainder of the input is reversed,
 *                requires 0 <= start <= text.length()
 * @return input text with the substring from start to the end of the string
reversed
 */
public static String reverseEnd(String text, int start)
```

Which of the following are reasonable partitions for the start parameter? Check all that apply.

unanswered

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sin(x)

0.0/4.0 points (graded)

Which of the following are reasonable partitions for `sin(x)`?

unanswered

Which of the following are boundary values for `sin(x)`?

unanswered

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Test-First Programming

0.0/3.0 points (graded)

Which of these techniques are useful for choosing test cases in test-first programming, before any code is written? Check all that apply.

unanswered

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Regression Testing

0.0/2.0 points (graded)

A regression test case:

unanswered

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