

## Quiz String-1

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NOTE: Numbered problems for **Hints** are located in **Solutions to String-1 Regular Section**.

01 **conCat**, Hint: 06 **firstTwo**, 11 **left2**, 10 **nonStart**

02 **first3**, Hint: Like 06 **firstTwo**, 28 **extraFront**

03 **conCat2**, Hint: Like 09 **comboString**

04 **isWeekend**, Hint: String Basics 3: **isSummer** (look at both versions)

05 **bothEnds7**, Hint: 16 **endsLY**, 20 **hasBad**

06 **secondHalfTwice**, Hint: 07 **firstHalf** 05 **ExtraEnd**

07 **reverse**, Hint: Create 3 substrings, one for each of the 1st, 2nd and 3rd characters.  
Then concatenate them together in reverse order!  
Look at: 11 **left2**, 12 **right2**

08 **dropMiddleChar**, Hint: Create 2 substrings.  
The **1st** will be the 1st half of the string up to,  
but not including, the middle character.  
The **2nd** will be the 2nd half, starting with  
the character **AFTER** the middle character.  
Then concatenate them together.  
Look at: 07 **firstHalf**, 19 **middleThree**, 15 **middleTwo**

09 **goodBad**, Hint: 32 **withoutX**, 33 **withoutX2**

OR: you can do it the LONG way (described below).

There are four different cases you need to consider in the following order:

- (1) The single word "good". If the string equals "good", just change it to "bad".
- (2) The string **BOTH** starts AND ends with "good", e.g. **goodAndgoodAndgood**.  
Use substring to get the middle of the string, e.g. "AndgoodAnd".  
Change the string to "bad" + middle + "bad".
- (3) The string starts with "good" (but does not end with "good"), e.g. "goodEnough".  
Use substring to get all but the first 4 characters, e.g. "Enough".  
Prepend "bad" to this substring, i.e. change the string to "bad" + **lastPart**.
- (4) The string ends with "good" (but does not start with "good"), e.g. "reallygood".  
Use substring to get all but the last 4 characters, e.g. "really".  
Append "bad" to this substring, i.e. change the string to **firstPart** + "bad".

10 **nearEnd**, Hint: 08 **withoutEnd** 16 **endsLY** String Basics 3: **almostEndsFUL**

2 ways to think about this:

- (a) create a substring without the first and last letters,  
then use **startsWith()** and **endsWith()**
- (b) Use the version of **startsWith()** with 2 parameters.  
See: the version of **endsLY** that uses **startsWith()** or  
String Basics 3: **almostEndsFUL**