PROBLEM 1: ENCRYPTION (5/5 points)

Once you have written `buildCoder` and `applyCoder`, you should be able to use them to encode strings.

Test Cases

```
>>> applyShift('This is a test.', 8)
'Bpqa qa i bmab.'
>>> applyShift('Bpqa qa i bmab.', 18)
'This is a test.'
```

```
def applyShift(text, shift):
    """
    Given a text, returns a new text Caesar shifted by the given shift
    offset. Lower case letters should remain lower case, upper case
    letters should remain upper case, and all other punctuation should
    stay as it is.

    text: string to apply the shift to
    shift: amount to shift the text (0 <= int < 26)
    returns: text after being shifted by specified amount.
    """
    ### TODO.
    ### HINT: This is a wrapper function.
    return applyCoder(text, buildCoder(shift))
```

Correct

Test results

Hide output

CORRECT

Test 1: applyShift('Hello, world!', 8)

Output:

```
'Pmttw, ewztl!'
```

Test 2: applyShift('The quiz is... hard!', 13)

Output:

```
'Gur dhvm vf... uneq!'
```

Test 3: applyShift('12 jackdaws quizzed my sphinx!?', 0)

Output:

```
'12 jackdaws quizzed my sphinx!?'
```

Test 4: applyShift('zsupl', 4)

Output:

```
'dwytp'
```

Test 5: applyShift('jxcaubekdhiovy', 21)

Output:

```
'esxvpwzfycdjqt'
```

Hide output

Help

Check Save *You have used 1 of 30 submissions*

Show Discussion

New Post