Working with Text

1.

   a. `'ComputerScience'`
   b. `"Darwin's"`
   c. `'H2OH2OH2O'`
   d. `''`

2.

   a. `"They'll hibernate during the winter."`
   b. `'"Absolutely not," he said.'`
   c. `''''He said, 'Absolutely not,'" recalled Mel.'''`
   d. `'hydrogen sulfide'`
   e. `'left\\right'`

3.

   `'A\nB\nC'`

4.

```
>>> len('')
0
```

5.

   a. `print('The rabbit is ' + str(x) + '.')`
   b. `print('The rabbit is', x, 'years old.')`
   a. `print(y, 'is average.')`
   a. `print(y, '*', x)`
   a. `print(str(y) + ' * ' + str(x) + ' is ' + str(y * x) + '.')`

6. `Doe, John`

7.

```
num = float(input())
print(num)
```

8.

```
def repeat(s, n):
    """ (str, int) -> str
```

```
    Return s repeated n times; if n is negative, return the empty string.

    >>> repeat('yes', 4)
    'yesyesyesyes'
    >>> repeat('no', 0)
    ''
    >>> repeat('no', -2)
    ''
    >>> repeat('yesnomaybe', 3)
    'yesnomaybeyesnomaybeyesnomaybe'
    """

    return s * n
```

9.

```
def total_length(s1, s2):
    """ (str, str) -> int

    Return the sum of the lengths of s1 and s2.

    >>> total_length('yes', 'no')
    5
    >>> total_length('yes', '')
    3
    >>> total_length('YES!!!!', 'Noooooo')
    14
    """

    return len(s1) + len(s2)
```