Clicker Questions for L08: Methods

Questions from 2017-02-09
Q1 : Calling a Method

Which of the following are valid method calls? Assume

\[
s = 'bob',
\]

1) \texttt{str.upper(s)}
2) \texttt{s.upper()}
3) \texttt{'bob'.upper()}
4) \texttt{str.upper()}

A. (1) only  
B. (2) only  
C. (1) and (2)  
D. (1), (2) and (3)  
E. All of them
Q2: Operator Precedence

What is the value of the following Python expression?

$$2 \times \text{'bob'.capitalize}()$$

A. An error
B. None
C. 'BobBob'
D. 'Bobbob'
E. None of the above
Q3: What is the difference?

Consider the following two Python method calls:

```
str.upper(s)
s.upper()
```

Which of the following statements is true?

A. The first returns a new string while the second changes \( s \).
B. The first changes \( s \) while the second returns a new string.
C. There is no difference: they both return a new string.
D. There is no difference: they both change \( s \).
E. None of the statements above is true.