Group Exercise 14: List Manipulation (Not done in class)
CPSC 301 - 2016W2

V2 – 2017-04-08 – corrected question for Q17/18

Suppose the variable `x` is defined as following:

```
x = [ 42, 3.14, 'bob', [2,3,6], False, None, '' ]
```

Beside each of the following commands write the output of that command (or nothing if the command does not return any value). If a statement causes an error, indicate so (you need not give the precise Python error type).

If a variable is modified by a command, do not include those modifications in subsequent questions – i.e. reset `x` to the value above for each new question.

1. ```
>>> x[7]
```  
2. ```
>>> x[-3]
```  
3. ```
>>> x[3][2]
```  
4. ```
>>> x[2:4]
```  
5. ```
>>> x[2][:2]
```  
6. ```
>>> x[1][1]
```  
7. ```
>>> None in x
```  
8. ```
>>> 6 in x
```  
9. ```
>>> 6 in x[3]
```
10. >>> 1 in x[4]
11. >>> x[2] = 3
   >>> x

12. >>> x.append(-42)
   >>> x

13. >>> x[-3] = 'carl'
    >>> x

14. >>> x.insert(2, 5)
    >>> x

15. >>> x[3].insert(2, 5)
    >>> x

16. >>> x[3][-1] = 'jimmy'
    >>> x

17. >>> x = x + [ 'tim' ]
    >>> x

    >>> x