Test Sheet 6

Use the test sheet to:

- Check your own progress
- Practice giving and receiving feedback by working with our course members.

1. Given the following assignment:

   ```
   numList = [ 3, 1, 4, 1, 5, 9, 2]
   ```

   What is the value of each of the following expressions (or does it give an error)?

Expression	Value or Error?
`numList[1]`	
`numList[7]`	
`len(numList)`	
`numList[0] + numList[2]`	

2. Given the following assignment:

   ```
   nums = [ 2, 4, 6, 8 ]
   ```

   What is the output of each of the following statements (or do they give an error)?

Program Statements	Output or Error?

`nums[1] = nums[3]`
`nums[3] = nums[1] + nums[3]`
`print(nums)`	

`nums.remove(1)` `print(nums)`	
`nums.append(10)` `print(nums)`	

`c = 0`
`while c < len(nums):`
`  nums[c] = nums[c] + c`
`  c = c + 1`
`print(nums)`	

`sum = 0 ;`
`for x in nums:`
`  sum = sum + x`
`print(sum)`	

`sums[0] = 0`
`i = 0`
`for x in nums:`
`   sums.append(sums[i] + x)`
`   i  = i + 1`
`print(sums)`	