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Exercise 4

Exercise 4

16 points possible (graded)

ESTIMATED TIME TO COMPLETE: 8 minutes

Note that you will have to answer all questions before you can click the Check button.

For the last expression in each question below, specify its type and value. If it generates an error, select type 'NoneType' and put the word 'error' in the box for the value.

1.

```
>>> aList = [0, 1, 2, 3, 4, 5]
>>> bList = aList
>>> aList[2] = 'hello'
>>> aList == bList
```

list



Answer: boolean

[0, 1, 'hello', 3, 4, 5]

Answer: True

2.

```
>>> aList is bList
```

list



Answer: boolean

aList == bList

Answer: True



3. `>>> aList`

list



Answer: list

Answer: [0, 1, 'hello', 3, 4, 5]

4. `>>> bList`

list



Answer: list

Answer: [0, 1, 'hello', 3, 4, 5]

5. `>>> cList = [6, 5, 4, 3, 2]
>>> dList = []
>>> for num in cList:
 dList.append(num)
>>> cList == dList`

list



Answer: boolean

[6, 5, 4, 3, 2]

Answer: True

6. `>>> cList is dList`

list



Answer: boolean

Answer: False

7.



```
>>> cList[2] = 20
>>> cList
```

Select an option ▾

Answer: list

Answer: [6, 5, 20, 3, 2]

8.

```
>>> dList
```

Select an option ▾

Answer: list

Answer: [6, 5, 4, 3, 2]

Submit

i Answers are displayed within the problem

Exercise 4





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[Why does two similar list objects points to different objects while the two similar string objects points to ...](#)
-  [may be helpfu](#) 1
[6.10.3. Identity comparisons The operators is and is not test for object identity: x is y is true if and only if ...](#)

