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## CC 1.3.1: Dynamic Typing

### Dynamic Typing: Question 1

1/1 point (graded)

Consider the following code:

```
x=3
```

did not exist in memory prior to this code. Which of the following does NOT occur?  
Review the video at 2:15 if you need a reminder.

☐ The object `3` is created.

☐ A variable with name `x` is created.

☒ The object `3` refers to the variable name `x`.

☐ The variable `x` is referred to object `3`.



Submit

You have used 1 of 2 attempts



✓ Correct (1/1 point)

## Dynamic Typing: Question 2

0/1 point (graded)

Consider the following code:

```
x=3  
y=x  
y=y-1
```

What does `x` equal?

☐ 3

☒ 2

☐ `y`

✗

Submit

You have used 1 of 1 attempt

✗ Incorrect (0/1 point)

## Dynamic Typing: Question 3

1/1 point (graded)

Consider the following code:

```
L1 = [2, 3, 4]  
L2 = L1  
L2[0] = 24
```

What does `L1` equal?

☒ `[24, 3, 4]`

☐ [2, 3, 4]☐ This code contains an error.

You have used 1 of 1 attempt

Correct (1/1 point)

## Dynamic Typing: Question 4

1/1 point (graded)

Consider the following code:

```
L = [2, 3, 4]
M1 = L
M2 = L[:]
M1 is M2
```

What will this return?

☐ True☒ False

You have used 1 of 1 attempt

Correct (1/1 point)

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