

Quizlet 1

Given the following code snippet:

```
1 x = 7
2 y = x - 1
3
4 print("x:", x - 2)
5 print("y:", y + 1)
6
7 x = x + 3
8 y - x
```

What values will the variables x and y hold at the end of the code run? (Label which variable holds which value.)

```
x will hold 10
y will hold 6
```

If we run this code in the editor, what will be displayed in the shell/interpreter?

```
x: 5
y: 7
```

Write a line of code that you could add to the end of the snippet that would **double** the value held in variable y.

```
y = y * 2
```

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```
1 x = 6
2 y = x - 1
3
4 print("x:", x - 2)
5 print("y:", y + 1)
6
7 x = x + 3
8 y - x
```

What values will the variables `x` and `y` hold at the end of the code run? (Label which variable holds which value.)

```
x will hold 9
y will hold 5
```

If we run this code in the editor, what will be displayed in the shell/interpreter?

```
x: 4
y: 6
```

Write a line of code that you could add to the end of the snippet that would **triple** the value held in variable `y`.

```
y = y * 3
```