

## QUIZ

Which of the following lines of code will tell us how many times "win" appears in the list `game_results`?

```
count(game_results, "win")
```

```
game_results.count("win")
```



You got it!

```
"win".count(game_results)
```

Which list would be created by running this code?

```
list(range(2, 14, 4))
```

```
[2, 6, 10, 14]
```

```
[4, 8, 10, 12]
```

```
[4, 8, 10, 12, 14]
```

```
[2, 6, 10]
```



Great Job! You got it!

Complete the code to insert "Buffalo" into a list called `animals` as the 4th element?

```
animals . insert ( 3 , "Buffalo" )
```



You got it!

Which of the following lines of code will correctly sort `mylist`?

```
mylist.sorted()
```

```
sort(mylist)
```

```
mylist.sort()
```



You got it!

Which of the following commands will return the length of the list `mylist`?

```
length(mylist)
```

```
len(mylist)
```



Correct!

Which of the following lines of code will insert "Gus" as the middle element of the list `friends`?

```
friends = ["Annabelle", "Greg", "Katya", "Sol"]
```

```
friends.insert(1, "Gus")
```

```
insert(friends, 2, "Gus")
```

```
friends.insert(-3, "Gus")
```

```
friends.insert(-2, "Gus")
```



You got it! This would insert "Gus" into the `-2` index where "Katya" is currently at, thus putting him in the middle of the list.

Fill in the code that would allow us to remove the 5th element from the following list:

```
pizza_toppings = ["Cheese", "Pepperoni", "Garlic", "Pineapple", "Mushroom", "Prosciutto"]
```

```
pizza_toppings . pop ( 4 )
```



You got it!

Which of the following would be generated by the code snippet?

```
mylist = ["a", "b", "c", "d", "e", "f"]  
print(mylist[2:5])
```

```
["c", "d", "e"]
```



You got it!

Which of the following would create a range object that starts at 3 and goes up to 15 (non-inclusive) in increments of 4?

```
range(3, 4, 15)
```

```
range(3, 15, 4)
```



You got it!

Which of the following code selects the last three elements of `mylist`?

```
mylist[:-3]
```

```
mylist[-3:]
```



We can use *negative* indexes to count backwards from the last element in a list.

Which of the following lines of code would slice the list `["b", "c"]` from `mylist`:

```
mylist = ["a", "b", "c", "d", "e"]
```

```
mylist[1:3]
```



The element `b` has index 1 (because Python is zero-indexed), and the element `c` has index 2. This code selects starting at index 1 and up to, but *not* including, index 3.

Which of the following lines of code would remove "Breakdancing" from the list `olympic_sports`.

```
olympic_sports = ["Hockey", "Swimming", "Fencing", "Volleyball", "Breakdancing"]
```

```
olympic_sports.pop()
```



You got it!