Quiz 2.2

* The possible ways of initializing a variable as an empty list are
* **x = []**
* x = [None]
* **x = list()**
* **x = list([])**
* Suppose list1 is [1, 2, 3, 4, 5, 6, 7]. Which of the following is a valid syntax for slicing?
* list1[0]
* **list1[:2]**
* **list1[:-2]**
* **list1[3:5]**
* What is the output?

data = [[[1, 2], [3, 4]], [[5, 6], [7, 8]]]

print(data[1][0][0])

* 1
* 2
* 6
* **5**
* What is the output?

numbers = [1, 2, 3, 4]

numbers.append([5, 6, 7, 8])

print(len(numbers))

* 4
* **5**
* 8
* 7
* Which of the following types are immutable?
* List
* Dictionary
* **Tuples**
* Sets
* Suppose dict1 = {"john":40, "peter":45} and dict2 = {"john":466, "peter":45}, dict1 > dict2 is:
* True
* False
* **ERROR**
* Suppose dict1 = {"a":1, "b":2}, to delete the entry for "a":1, use:
* d.delete("a":1)
* dict1.delete("a")
* del dict1("a":1)
* **del dict1["a"]**
* Suppose s = {1, 2, 4, 3}, which of the following will result in an exception (error)?
* **print(s[3])**
* print(max(s))
* print(len(s))
* **s[3] = 45**
* What are the various classes available in the datetime library?
* **time**
* **date**
* **datetime**
* **timedelta**
* Is this code correct?

import datetime as datetime

t1 = datetime.datetime.now().time()

t2 = datetime.timedelta(seconds=5)

t1+t2

* Yes
* **No**
* In strptime, what does %B specify?
* Full weekday (e.g., Monday)
* Abbreviated weekday (e.g., Mon)
* **Full month (e.g., April)**
* Abbreviated month (e.g., Apr)
* Can timedelta be negative?
* **Yes**