print(b)

apple 120

Tuples are collection of data which are ordered, immutable and allow duplicates.

```
In [27]: my_tuple = ("Nissan", "Ford", "Volkswagen")
         my_tuple = "Nissan", "Ford", "Volkswagen"
 In [5]: | #tuples are indexed:
         my_tuple[0]
Out[5]: 'Nissan'
 In [6]: | my_tuple[1]
Out[6]: 'Ford'
 In [7]: #tuples can be sliced:
         print(my_tuple[1:])
         ('Ford', 'Volkswagen')
 In [8]: #tuples are immutable:
         my_tuple[0] = 'BMW'
         _____
                                                  _____
                                                   Traceback (most recent call last)
         TypeError
         <ipython-input-8-61a80df35148> in <module>
               1 #tuples are immutable:
         ---> 2 my_tuple[0] = 'BMW'
         TypeError: 'tuple' object does not support item assignment
 In [9]: | #sorting a tuple
         my_tuple = (5,7,-3,2)
         sorted_tuple = sorted(my_tuple)
         print(sorted_tuple)
         [-3, 2, 5, 7]
In [10]:
        my_tuple = (2,2,3,4,5,4,4,4,6,7)
In [11]: print(my_tuple.count(2))
In [12]: print(my_tuple.count(4))
         4
In [13]: | print(len(my_tuple))
In [14]: #adding tuples
         a = (1, 2, 3)
         b = (4, 5, 6)
         c = a + b
         print(c)
         (1, 2, 3, 4, 5, 6)
In [15]:
        #tuples are iterable
         my_tuple = ("Nissan",
         for item in my_tuple:
             print("Your car brand is:", item)
         Your car brand is: Nissan
         Your car brand is: Ford
         Your car brand is: Volkswagen
In [16]: #tuple unpacking:
         fruits = ('apple', 'banana')
         a,b = fruits
         print(a)
         print(b)
         apple
         banana
In [17]: fruits = ('apple', 'banana', 'cherry')
         a,b,c = fruits
         print(a)
         print(b)
         print(c)
         apple
         banana
         cherry
In [18]: | sale_info = [('apple', 15), ('banana', 10), ('cherry', 30)]
In [19]: for info in sale_info:
             print('You sold', info[1], info[0])
         You sold 15 apple
         You sold 10 banana
         You sold 30 cherry
In [21]: for fruit, number in sale_info:
            print('You sold', number, fruit)
         You sold 15 apple
         You sold 10 banana
         You sold 30 cherry
In [22]: def get_info():
             fruit = 'apple'
             quantity = 120
             return (fruit, quantity)
In [23]: a, b = get_info()
         print(a)
```