1. Select which is true for Python tuple
2. A tuple maintains the order of items
3. A tuple is unordered
4. We cannot change the tuple once created
5. We can change the tuple once created
6. Access value 20 from the following tuple

aTuple = ("Orange", [10, 20, 30], (5, 15, 25))

**Expected output:**

20

Ans aTuple = ("Orange", [10, 20, 30], (5, 15, 25))

print(aTuple[1][1])

20

1. Unpack the following tuple into 4 variables

aTuple = (10, 20, 30, 40)

**Expected output:**

aTuple = (10, 20, 30, 40)

# Your code

print(a) # should print 10

print(b) # should print 20

print(c) # should print 30

print(d) # should print 40

Ans

aTuple = (10, 20, 30, 40)

print(aTuple[0])

10

print(aTuple[1])

20

print(aTuple[2])

30

print(aTuple[3])

40

1. Copy element 44 and 55 from the following tuple into a new tuple

tuple1 = (11, 22, 33, 44, 55, 66)

**Expected output:**

tuple2 = (44, 55)

Ans

tuple1 = (11, 22, 33, 44, 55, 66)

tuple2=tuple1[3:5]

print("tuple2=",tuple2)

tuple2=(44, 55)

1. Counts the number of occurrences of item 50 from a tuple

tuple1 = (50, 10, 60, 70, 50)

Ans tuple1 = (50, 10, 60, 70, 50)

print(tuple1.count(50))

2

1. Modify the first item (22) of a list inside a following tuple to 222

tuple1 = (11, [22, 33], 44, 55)

**Expected output:**

tuple1 = (11, [222, 33], 44, 55)

Ans tuple1 = (11, [22, 33], 44, 55)

tuple1[1][0]=222

print(tuple1)

1. Swap the following two tuples

tuple1 = (11, 22)

tuple2 = (99, 88)

**Expected output:**

tuple1 = (99, 88)

tuple2 = (11, 22)

Ans

print("tuple1",tuple2)

print("tuple2",tuple1)

tuple1 (99, 88)

tuple2 (11, 22)

8)Reverse the following tuple

aTuple = (10, 20, 30, 40, 50)

**Expected output:**

(50, 40, 30, 20, 10)

Ans aTuple = (10, 20, 30, 40, 50)

print(aTuple[4: :-1])

(50, 40, 30, 20, 10)

9)Select true statements regarding the Python tuple

1. We can remove the item from tuple but we cannot update items of the tuple
2. We cannot delete the tuple
3. We cannot remove the items from the tuple
4. We cannot update items of the tuple.