

Python Tuple Practice Questions

1) t = (1, 2, 3) t = t + (4,) print(t)	2) t = (10, 20, 30) t = t[:1] + (15,) + t[1:] print(t)
3) t = (5, 10, 15) t = t[:-1] print(t)	4) t = (2, 4, 6, 8) print(t[1])
5) t = (2, 4, 6, 8) print(t[-1])	6) t = (1, 2, 3, 4, 5) print(t[1:4])
7) t = (1, 2, 3) print(t * 2)	8) t = (1, 2, 3) print(len(t))
9) t = (10, 20, 20, 30) print(t.count(20))	10) t = (10, 20, 30) print(20 in t)
11) t = (10, 20, 30) print(40 in t)	12) t1 = (10, 20) t2 = (30, 40) print(t1 + t2)
13) t = (5, 10, 15) t = t + (20,) print(t)	14) t = () t = t + (100,) print(t)
15) t = (1, 2, 3) print(t[::-1])	16) t = (10, 20, 30) print(max(t))
17) t = (1, 2, 3) t = t[:1] + (10,) + t[2:] print(t)	18) t = (1, 2, 3) print(tuple(list(t)))
19) t = (1, (2, 3), 4) print(len(t))	20) t = (4, 5) print(t)

Answers

1: (1, 2, 3, 4)	2: (10, 15, 20, 30)	3: (5, 10)	4: 2	5: 8
6: (2, 3, 4)	7: (1, 2, 3, 1, 2, 3)	8: 3	9: 2	10: True
11: False	12: (10, 20, 30, 40)	13: (5, 10, 15, 20)	14: (100,)	15: (3, 2, 1)
16: 20	17: (1, 10, 3)	18: (1, 2, 3)	19: 3	20: (4, 5)

Programming Questions (Create tuple with n numbers)

1. Write a program to create a tuple with n numbers and display their sum.
2. Write a program to find the largest element in a tuple without using max() function.
3. Write a program to count how many even numbers are present in a tuple.
4. Write a program to reverse a tuple without using slicing [::-1].
5. Write a program to remove duplicate elements from a tuple.
6. Write a program to search for an element in a tuple and display its position.
7. Write a program to create a tuple with sum of digits from a tuple of numbers.
8. Write a program to find the second smallest number in a tuple.
9. Write a program to create a tuple with prime numbers from n random numbers.
10. Write a program to separate even numbers and odd numbers from a tuple into two different tuples.