

Tuple Assignment1

1. Write a Python Programme to Find the size of a Tuple.

2. Write a Python Programme to find Maximum and Minimum K elements in Tuple.

Example:

Input : test_tup = (5, 20, 3, 7, 6, 8), k = 2

Output : (3, 5, 8, 20)

3. Write a Python program to create a list of tuples from given list having number and its cube in each tuple.

Example:

Input: list = [1, 2, 5, 6]

Output: [(1, 1), (2, 8), (5, 125), (6, 216)]

4. Write a Python Program for Adding Tuple to List and vice – versa.

5. Write a Python Program for Summation of tuple elements.

6. Write a Python Program for performing Modulo of tuple elements.

7. Write a Python Program for performing Row-wise element Addition in Tuple Matrix

Example:

Input :

test_list = [('Learnbay', 3), ('is', 3)], [('best', 1)], [('for', 5), ('Student', 1)]

cus_eles = [6, 7, 8]

Output : [('Learnbay', 3, 6), ('is', 3, 6)], [('best', 1, 7)], [('for', 5, 8), ('Student', 1, 8)]

8. Write a Python Program to Update each element in tuple list

9. Write a Python Program to Multiply Adjacent elements

10. Write a Python Program for Joining Tuples if having similar initial element.

Example:

Input : test_list = [(5, 6), (5, 7), (6, 8), (6, 10), (7, 13)]

Output : [(5, 6, 7), (6, 8, 10), (7, 13)]