

Tuple Assignment2

1. Write a Python Program for extracting All pair combinations of 2 tuples.

Example:

Input : test_tuple1 = (4, 5),

test_tuple2 = (7, 8)

Output : [(4, 7), (4, 8), (5, 7), (5, 8), (7, 4), (7, 5), (8, 4), (8, 5)]

2. Write a Python Program for Removing Tuples of Length K.

Example:

Input : test_list = [(4, 5), (4,), (8, 6, 7), (1,), (3, 4, 6, 7)], K = 1

Output : [(4, 5), (8, 6, 7), (3, 4, 6, 7)]

3. Write a Python Program for Removing Tuples from the List having every element as None.

Example:

Input : test_list = [(None, 2), (None, None), (3, 4), (12, 3), (None,)]

Output : [(None, 2), (3, 4), (12, 3)]

4. Write a Python program to sort a list of tuples by second Item.

Example:

Input : [('for', 24), ('is', 10), ('Student', 28), ('Learnbay', 5), ('portal', 20), ('a', 15)]

Output : [('Learnbay', 5), ('is', 10), ('a', 15), ('portal', 20), ('for', 24), ('Student', 28)]

5. Write a Python Program to Sort Tuples by Total digits

Examples:

Input : test_list = [(3, 4, 6, 723), (1, 2), (12345,), (134, 234, 34)]

Output : [(1, 2), (12345,), (3, 4, 6, 723), (134, 234, 34)]

6. Write a Python Program to find Elements frequency in Tuple.

Example:

Input : test_tup = (4, 5, 4, 5, 6, 6, 5, 5, 4)

Output : {4: 3, 5: 4, 6: 2}

7. Write a Python Program to Filter Range Length Tuples.

8. Write a Python Program for Assigning Frequency to Tuples.

Example:

Input : test_list = [(6, 5, 8), (2, 7), (6, 5, 8), (6, 5, 8), (9,), (2, 7)]

Output : [(6, 5, 8, 3), (2, 7, 2), (9, 1)]

9. Write a Python Program to find Records with Value at K index.

10. Write a Python Program to Test if tuple is distinct.