

Problem solving session No. 3

Problem set 1

1. Write a Python function to get symmetric tuples from a list of tuples. Each tuple consists of two elements, i.e. they are in the form of (x, y) . A tuple (x, y) is symmetric if there is another (y, x) tuple in the list.
2. Write a Python function that assigns the frequency to each tuple in a given list as a last tuple element.
3. Write a Python function to convert a binary tuple to an integer.
4. Write a Python function to generate a list of tuples for a standard card deck.
5. Write a Python function to find the union and intersection of two tuples (with/without preserving the order).

Problem set 2

1. Write a Python function to get all the dictionary keys whose corresponding values are equal to the given value.
2. Write a Python function to check if two sequences are anagrams or not.
3. Write a Python function to create a dictionary in which the values map to the keys that they belong to in a given dictionary.
4. Write a Python function to remove duplicate values from a dictionary.
5. Write a Python function to get the common elements from two dictionaries.