Tuple Assignment

1. **Find the size of a tuple.**
   Sample Input: (1, 2, 3, 4, 5)
   Sample Output: 20 bytes

2. **Add a tuple to a list and vice-versa.**
   Sample Input: List: [1, 2, 3], Tuple: (4, 5)
   Sample Output: List: [1, 2, 3, (4, 5)], Tuple: (1, 2, 3, 4, 5)

3. **Find maximum and minimum K elements in a tuple.**
   Sample Input: Tuple: (5, 10, 15, 20), K = 2
   Sample Output: Max K elements: (20, 15), Min K elements: (5, 10)

4. **Create a list of tuples with numbers and their cubes.**
   Sample Input: List: [1, 2, 3]
   Sample Output: [(1, 1), (2, 8), (3, 27)]

5. **Remove all tuples of a specific length K.**
   Sample Input: List: [(1, 2), (3, 4, 5), (6,)], K = 2
   Sample Output: [(3, 4, 5), (6,)]

6. **Extract digits from a tuple list.**
   Sample Input: [(123, 456), (789, 0)]
   Sample Output: [1, 2, 3, 4, 5, 6, 7, 8, 9, 0]

7. **Find all pair combinations of two tuples.**
   Sample Input: Tuple1: (1, 2), Tuple2: (3, 4)
   Sample Output: [(1, 3), (1, 4), (2, 3), (2, 4)]

8. **Join tuples with similar initial elements.**
   Sample Input: [(1, 2), (1, 3), (2, 4)]
   Sample Output: [(1, 2, 3), (2, 4)]

9. **Sort a list of tuples by the second item.**
   Sample Input: [(2, 5), (1, 3), (4, 2)]
   Sample Output: [(4, 2), (1, 3), (2, 5)]

10. **Sort a list of tuples by the last element.**
    Sample Input: [(1, 3, 2), (5, 1, 4), (2, 6, 0)]
    Sample Output: [(2, 6, 0), (1, 3, 2), (5, 1, 4)]

11. **Sort tuples by the frequency of their absolute difference.**
    Sample Input: [(1, 5), (2, 6), (4, 8)]
    Sample Output: [(1, 5), (2, 6), (4, 8)] (sorted by the absolute difference 4)

12. **Remove duplicate tuples regardless of order.**
    Sample Input: [(1, 2), (2, 1), (3, 4)]
    Sample Output: [(1, 2), (3, 4)]

13. **Order tuples by a list.**
    Sample Input: Tuples: [(2, 'b'), (1, 'a')], Order: [1, 2]
    Sample Output: [(1, 'a'), (2, 'b')]

14. **Concatenate maximum tuples.**
    Sample Input: [(1, 2), (3, 4)], (5, 6)
    Sample Output: (1, 2, 3, 4, 5, 6)

15. **Flatten a tuple of lists to a tuple.**
    Sample Input: ([1, 2], [3, 4], [5, 6])
    Sample Output: (1, 2, 3, 4, 5, 6)

16. **Change the sign of elements in a tuple list.**
    Sample Input: [(1, -2), (3, -4)]
    Sample Output: [(-1, 2), (-3, 4)]

17. **Convert integer values in a list of tuples to floats.**
    Sample Input: [(1, 2), (3, 4)]
    Sample Output: [(1.0, 2.0), (3.0, 4.0)]

18. **Convert sets to tuples and vice-versa.**
    Sample Input: Set: {1, 2, 3}
    Sample Output: Tuple: (1, 2, 3)

19. **Restrict tuples by the frequency of the first element's value.**
    Sample Input: [(1, 2), (1, 3), (2, 4)]
    Sample Output: [(1, 2), (1, 3)]

20. **Extract tuples having K-digit elements.**
    Sample Input: [(123, 45), (6, 789)], K = 2
    Sample Output: [(123, 45)]