Assignment-3

1. Convert a List to a Tuple and Then to a Set
2. Find Common Elements Between List and Tuple Using a Set
3. Remove Duplicates from a List Using a Set and Convert Back to a List
4. Find Elements in a Tuple That Are Not in a List Using a Set
5. Convert a String to a List, Then a Tuple, and Finally a Set
6. Merge Two Lists, convert to a Set to Remove Duplicates, and Convert Back to a List
7. Create a List of Tuples from Two Lists
8. Extract Unique Words from a Sentence Using Sets and Store in a List
9. Find the Union and Intersection of Two Lists Using Sets
10. Sort a List, convert to a Tuple, and Find Unique Elements Using a Set
11. Sort a List of Tuples Based on the Second Element and Remove Duplicates
12. Merge Two Lists, Keep Unique Elements, and Convert to a Tuple
13. Extract Unique Characters from a String and Store Them in a Set
14. Count Vowels and Consonants in a String
15. Find the Longest Word in a Tuple of Words
16. Find Common Characters in Two Strings
17. Find the Frequency of Each Word in a Tuple of Sentences
18. Check if a Tuple Contains a Specific Word
19. Find Elements in One Set but Not in Another
20. Reverse a Tuple Using a For Loop