SET Exercises

1. Write a Python program to remove an item from a set if it is present in the set Write a Python program to create an intersection of sets
2. Write a Python program to create a union of sets
3. Write a Python program to create set difference
4. Write a Python program to create a symmetric difference
5. Write a Python program to find the elements in a given set that are not in another set
6. Write a Python program to check if two given sets have no elements in common
7. Write a Python program to find maximum and the minimum value in a set
8. Write a Python program to remove all elements from a given set
9. Write a Python program to Intersection of two lists
10. Write a Python program to Convert String to Set
11. Write a Python program to Convert Set to String
12. Write a Python program to Convert Set to List
13. Write a Python program to Convert Set to Tuple
14. Write a Python program to Convert Tuple to Set
15. Write a program to add all its elements into a given set
16. Write a Python program to return a new set with unique items from both sets by removing duplicates.
17. Write a Python program to Check if two sets have any elements in common. If yes, display the common elements
18. Write a Python program to Check if a set is a subset of another set
19. Write a Python program to Check is a set a subset of itself?
20. Write a Python program to Check if a specific value exists in a set
21. Find the union, symmetric difference, and intersection of the two sets. Print the results of each operation
22. Write a Python program to count number of vowels using sets in given string

2D-LIST Exercises

23. Write a python program to add two matrices.
24. Write a python program to multiply two matrices.
25. Write a python program to check whether two matrices are equal or not.
26. Write a python program to find sum of main diagonal elements of a matrix.
27. Write a python program to find sum of each row and column of a matrix.
28. Write a python program to find transpose of a matrix.