



## **Assignment on Set**

1. Write a Python program to find elements in a given set that are not in another set.
2. Write a Python program to remove the intersection of a second set with a first set.
3. Write a Python program to find all the unique words and count the frequency of occurrence from a given list of strings. Use Python set data type.
4. Write a Python program that finds all pairs of elements in a list whose sum is equal to a given value.
5. Write a Python program to find the longest common prefix of all strings. Use the Python set.
6. Write a Python program to find the two numbers whose product is maximum among all the pairs in a given list of numbers. Use the Python set.
7. Given two sets of numbers, write a Python program to find the missing numbers in the second set as compared to the first and vice versa. Use the Python set.
8. Write a Python program to find all the anagrams and group them together from a given list of strings.
9. Write a Python program to find all the unique combinations of 3 numbers from a given list of numbers, adding up to a target number.