

Practice Questions - 1

1) Write a program to swap two numbers without using a third variable

Sample Input: a=5, b=6

Sample Output: After Swapping: a=6, b=5

Explanation: before swapping a was 5 and b was 6 after swapping the values a becomes 6 and b becomes 5

Remember to not use third variable in swapping of the two variables

2) Write a program to find the frequency of elements in an array

Sample Input: a = [1, 2, 3, 3, 5, 5]

Sample Output: Number Frequency

1	1
2	1
3	2
5	2

Explanation: as 3 and 5 occurs two times their frequency is 2 and other's frequency is 1

3) write a program to calculate the sum of digits in an array without using modulus

Sample Input: 1221

Sample Output: 6

Explanation: $1+2+2+1 = 6$

Remember to not use modulo operator when calculating the sum of digits

Tip: Take input as a string