Set 1 - Easy-Level Python Problem-Solving Questions

1. Sum of elements in a list

Input: [4, 7, 2]

Output: 13

2. Find the largest number in a list

Input: [3, 10, 6]

Output: 10

3. Count even numbers in a list

Input: [1, 2, 3, 4, 5]

Output: 2

4. Remove duplicates from a list

Input: [1, 2, 2, 3, 1]

Output: [1, 2, 3]

5. Find the second largest number

Input: [5, 1, 9, 6]

Output: 6

6. Count word occurrences in a sentence

Input: "apple banana apple"

Output: {'apple': 2, 'banana': 1}

7. Update value of a key in a dictionary

Input: {'a': 1, 'b': 2}, change 'a' to 10

Output: {'a': 10, 'b': 2}

8. Check if a key exists in a dictionary

Input: {'x': 5}, check key 'x'

Output: True

9. Print only dictionary keys

Input: {'name': 'Ava', 'age': 21}

Output: ['name', 'age']

10. Add new key-value if key doesn't exist

Input: {'x': 1}, add 'y': 2

Output: {'x': 1, 'y': 2}

11. Check if a number is even or odd

Input: 9

Output: Odd

12. Find factorial of a number

Input: 5

Output: 120

13. Check if a number is prime

Input: 7

Output: Prime

14. Reverse digits of a number

Input: 1234

Output: 4321

15. Count digits in a number

Input: 789

Output: 3