Set 2 - Easy-Level Python Problem-Solving Questions

1. Multiply all elements in a list

Input: [2, 3, 4]

Output: 24

2. Find minimum value in a list

Input: [8, 3, 5]

Output: 3

3. Find count of odd numbers in a list

Input: [2, 5, 7, 8]

Output: 2

4. Find difference between max and min

Input: [4, 7, 2, 9]

Output: 7

5. Sum of only positive numbers

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

Output: 8

6. Get keys with even values from dict

Input: {'a': 2, 'b': 3, 'c': 4}

Output: ['a', 'c']

7. Invert dictionary (keys become values)

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

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

8. Check if two dictionaries are equal

Input: {'a': 1}, {'a': 1}

Output: True

9. Sum all values in dictionary

Input: {'a': 5, 'b': 10}

Output: 15

10. List all values greater than 10

Input: {'a': 8, 'b': 12, 'c': 15}

Output: [12, 15]

11. Check if number is positive, negative or zero

Input: -4

Output: Negative

12. Generate first 5 even numbers

Input: None

Output: [2, 4, 6, 8, 10]

13. Find cube of a number

Input: 3

Output: 27

14. Check if number is multiple of 7

Input: 21

Output: Yes

15. Convert number to string and reverse it

Input: 123

Output: '321'