LISTS & LOOPS

1. Sum of List: Calculate the sum of all numbers in a list using a for loop.
2. Even Numbers Only: Create a new list containing only even numbers using a loop.
3. List Reversal: Reverse a list without using reverse() or slicing.
4. Find Maximum: Find the largest number in a list using a loop.
5. Remove Duplicates: Remove duplicates while preserving order.

TUPLES & LOOPS

1. Tuple Unpacking: Print name and age from (name, age) tuples.
2. Tuple Conversion: Convert list to tuple and calculate sum.
3. Common Elements: Find common elements between two tuples.
4. Tuple to Dictionary: Convert list of tuples into a dictionary.

MIXED PROBLEMS

1. Fibonacci Sequence: Generate first 10 Fibonacci numbers.
2. Multiplication Table: Print table of a number using nested loops.
3. Count Vowels: Count vowels in a string using a dictionary.
4. List Intersection: Find common elements between two lists.
5. Matrix Sum: Calculate sum of all elements in a matrix.
6. Prime Numbers: Generate prime numbers between 1 and 50.