Data Structure and Algorithms (JAVA)



**Semester: Spring 2025**

**Software Engineering**

**Faculty of Information Technology, UCP Lahore, Pakistan**

**RECURSION PRACTICE QUESTIONS**

1. Given a number, find the sum of its digits recursively.
2. Calculate x^n using recursion.
3. Recursively print numbers from 1 to N.
4. Write a recursive function to reverse a string.
5. Convert a decimal number to binary recursively.
6. Implement binary search recursively in a sorted array.
7. Recursively check if a given string or number is a palindrome.