

Data Structures (Lab)
Assignment-1 (Fundamentals)

1. WAP to check whether a given matrix is Magic Square or not?
2. WAP to implement Call by Value and Call by Reference mechanisms.
3. WAP to implement three different ways to swap two variables without using a third variable.
4. WAP to implement the following programs using recursion.
 - a. Factorial
 - b. Fibonacci Series
 - c. Greatest Common Divisor
 - d. Linear Search
 - e. Binary Search
 - f. Tower of Hanoi