

Functions:

1. Factorial
2. Fibonacci
3. Gcd and LCM
4. X raised to y
5. To check a number is a prime no or not
6. To find prime factors of a number

Recursion:

1. Factorial
2. Fibonacci
3. Gcd and LCM
4. X raised to y
5. To reverse a no.
6. Sum of first n numbers

Strings:

1. To find the length of a string
2. To copy a string
3. To concatenate one string at the end of another string
4. To compare two strings
5. To concatenate n characters from s2 to s1
6. To find the reverse of the string
7. TO PRINT PASCAL TRAINGLE

Array: 1 D and 2 D

1. TO COPY ONE ARRAY TO ANOTHER
2. TO SEARCH AN ELEMENT IN THE ARRAAY
3. TO FIND THE LARGEST/SMALLEST ELEMENT IN THE ARRAY
4. TO ADD TWO MATRICES
5. TO MULTIPLY TWO MATRICES
6. TO FIND TRANSPOSE OF A MATRIX
7. SUM OF DIAGONAL /NONDIAGONAL ELEMENTS
8. SUM OF UPPER TRAINGULAR / LOWER TRAINGULAR MATTRIX