➊ Simple Numbers

➀ Find a digit at a specific place in a number

➁ Find count of digits in a number

➂ Find the largest digit

➃ Find the 2nd largest digit

➄ Find the kth largest digit

➅ Find the smallest digit

➆ Find the 2nd smallest digit

➇ Find the kth smallest digit

➈ Find generic root (sum of all digits) of a number

➉ Reverse the digits in a number

➀➀ Rotate the digits in a number

➀➁ Is the number a palindrome?

➀➂ Find sum of 'n' numbers

➀➃ Check if a number is perfect square

➀➄ Find a number in an AP sequence

➀➅ Find a number in a GP sequence

➀➆ Find a number in fibonacci sequence

➀➇ Check number divisibility by 2, 3, 5, 9

➀➈ Check if a number is primary or not

20. Given a number, print all primes smaller than it

➁➀ Check if a number is circular prime or not

➁➁ Find all prime factors of a number

➁➂ Find the GCD of 2 numbers

➁➃ Find the LCM of 2 numbers

➁➄ Find the factorial of a number

➁➅ Find the exponentiation of a number

➋ Unit Conversion

➀ Number Base (Binary, Octal, Hexadecimal, Decimal)

➁ Weight (gram, kg, pound)

➂ Height (cm, m, inch, feet)

➃ Temperature (centigrade, fahrenhite)

➄ Distance (km, mile)

➅ Area (m², km², acre)

➆ Volume (ltr, gallon)

➇ Time (sec, min, hour)

➈ Currency

➌ Calculator

➀ Loan EMI Calculator

➁ Fixed Deposit Returns Calculator

➂ Interest Calculator

➃ BMI Calculator

➄ Item Price (considering tax, discount, shipping)

➅ Tip Calculator

➍ Geometry

➀ Find distance between 2 points

➁ Given 2 sides of a right angle triangle, find the 3rd

➂ Find 3rd angle of a triangle when 2 are given

➃ Area of a triangle when 3 sides are given

➄ Area of a right angle triangle

➅ Perimeter of a Square

➆ Area of a Square

➇ Perimeter of a Rectangle

➈ Area of a Rectangle

➉ Circumference of a Circle

➀➀ Area of a Circle

➀➁ Circumference of a Semi-Circle

➀➂ Area of a Semi-Circle

➀➃ Area of a Ring

➀➄ Circumference of an Ellipse

➀➅ Area of an Ellipse

➀➆ Suface Area of a Sphere

➀➇ Volume of a Sphere

➀➈ Surface Area of a Hemisphere

20. Volume of a Hemisphere

➁➀ Surface area of a Cube

➁➁ Volume of a Cube

➁➂ Surface area of a Cylinder

➁➃ Volume of a Cylinder

➎ Vector

➀ Find Scalar Multiplication of a vector

➁ Find addition/subtraction of vectors

➂ Find magnitude of a vector

➃ Find an unit vector along a given vector

➄ Find dot product of 2 vectors

➅ Find cross product of 2 vectors

➆ Check if 2 vectors are orthogonal

➏ Matrix

➀ Find the determinant of a matrix

➁ Find Scalar Multiplication of a matrix

➂ Find addition/subtraction of matrices

➃ Find the transpose of a matrix

➄ Find if 2 matrices are orthogonal

➅ Find inverse of a 2x2 and 3x3 matrix

➐ Set

➀ Find Union of 2 sets

➁ Find Intersection of 2 sets

➂ Find the Difference of 2 sets

➃ Find the Symmetric Difference of 2 sets

➄ Find if a set is subset/superset of another set

➅ Find if 2 sets are disjoints

➑ Special Numbers

➀ Strong Number

➁ Perfect Number

➂ Armstrong Number

➃ Harshad Number

➄ Kaprekar Number

➅ Lychrel Number

➆ Narcissistic Decimal Number

➇ Lucus Number

➈ Catalan Number

➉ Duck Number

➀➀ Ugly Number

➀➁ Abundant Number

➀➂ Deficient Number

➀➃ Automorphic Number

➀➄ Magic Number

➀➅ Friendly Pair Numbers

➀➆ Neon Number

➀➇ Spy Number

➀➈ Happy Number

20. Sunny Number

➁➀ Disarium Number

➁➁ Pronic Number

➁➂ Trimorphic Number

➁➃ Evil Number

➁➄ Amicable Pairs