## Day Objectives :

* 1. Introduction to Flowchart and Algorithms
  2. Design of Flowcharts using Raptor Softwares and Installation Process

## Raptor Questions:-

* 1. Read the input as Radius and Print the Output as Area of Circle
  2. Read two inputs(Base,Height) and Print the Output as Area of Triangle
  3. Read the input as Number and Print the output as Whether it is Even or Odd Number
  4. Read the input as Number and Print whether given number is perfectly divisible by 3 and 5
     1. Test Cases:
        + 15 -- Yes
        + 10 -- NO
        + 9 -- NO
  5. Read the age of the Person as input and Print the output as "Eligible" or "Not Eligible" for voting
     + - Age is between 18 to 85 can be Eligible
     1. Test Cases:
        + 25 -- Eligible
        + 16 -- Not Eligible
        + 89 -- Not Eligible
  6. Read the number N as input and Print the output as "Even Numbers" between the range of 1 to N
     1. Test Cases:
        + 10 -- 2 4 6 8 10
        + 15 -- 2 4 6 8 10 12 14
  7. Read the number N as input and Print the output as "Sum of Even Numbers" between 1 to N
     1. Test Cases:
        + 10 -- 30
        + 15 -- 56
  8. Read the number N as input and Print the output as "Factors" of the given number
     1. Test Cases:
        + 6 --- 1 2 3 6
        + 12 -- 1 2 3 4 6 12
        + 24 -- 1 2 3 4 6 8 12 24
  9. Read the number N as input and Print the output as "Factorial" of the given number
     1. Test Cases:
        + 5 -- 120
        + 3 -- 6