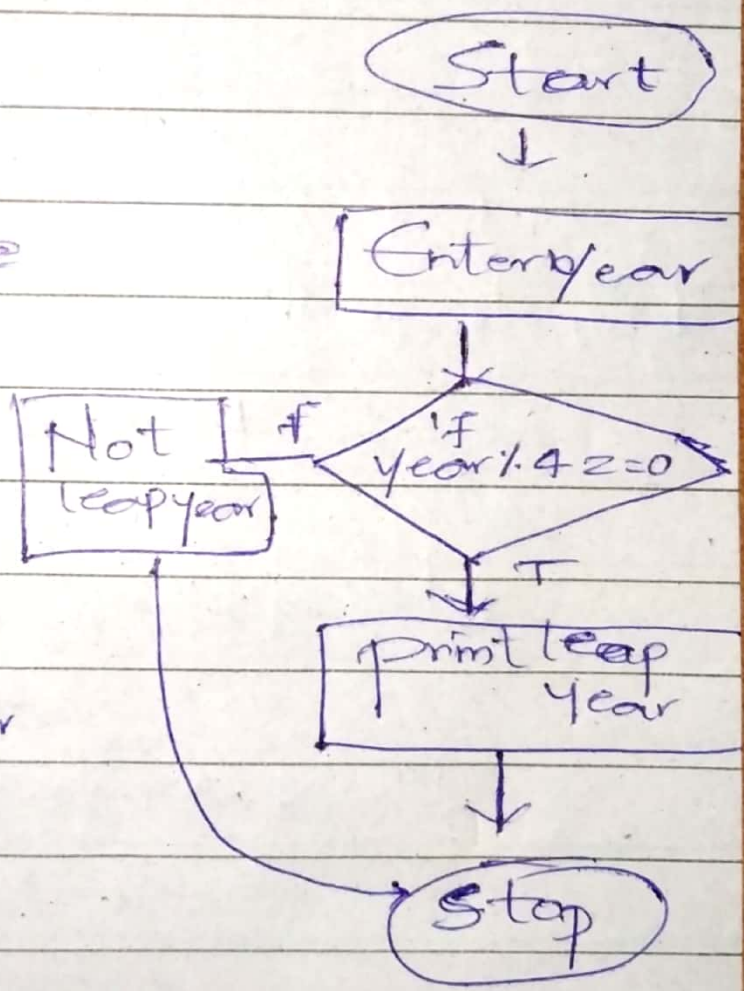
2/12/21

1. Check if year is a leapyear or not

1. Start
2. Enter the year
3. If the year is divisible by 4
4. then print leap year
5. If the year not divisible by 4
6. then print not leapyear
7. stop



2. Write the algorithm to print all odd number backward from 99 to 1.

1. Start
2. Declare the number n, N
3. Set num = 99
4. If the num is not divisible by 2
5. then print num
6. where num = num - 1
7. If num >= 1 then repeat the loop
8. Stop

3. Write algorithm to print Sum of even & odd, Considering 10 number are taken from user

1. Start
2. Declaring the 10 numbers
3. If number is divible by 2
4. then print even
   else print odd
5. Set Sum = 0
6. Sum = Sum + num
7. Where num = num + 2
8. then print Sum of even
   else print Sum of odd
9. Stop

5. Calculate product of digit number

1. Start
2. Initializing the values i, n;
3. Set prod = 1
4. prod = i x n
5. then print the product
6. Stop

6. Write the algorithm to find Compound Interest, provided principle, time & ROI are taken by user.

1. Start
2. Input the values of principle, time & ROI
3. Calculate Amount
   Amount = Principle x $(1 + ROI/100)$ x time
4. then Compound interest
   Compound interest = Amount - principle
5. Print the Compount interest
6. Stop