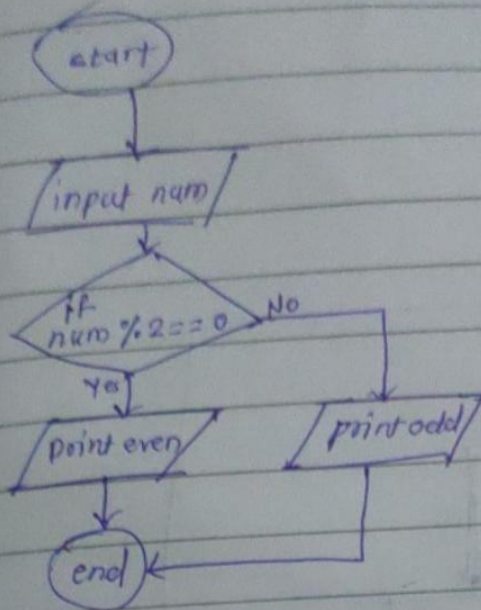
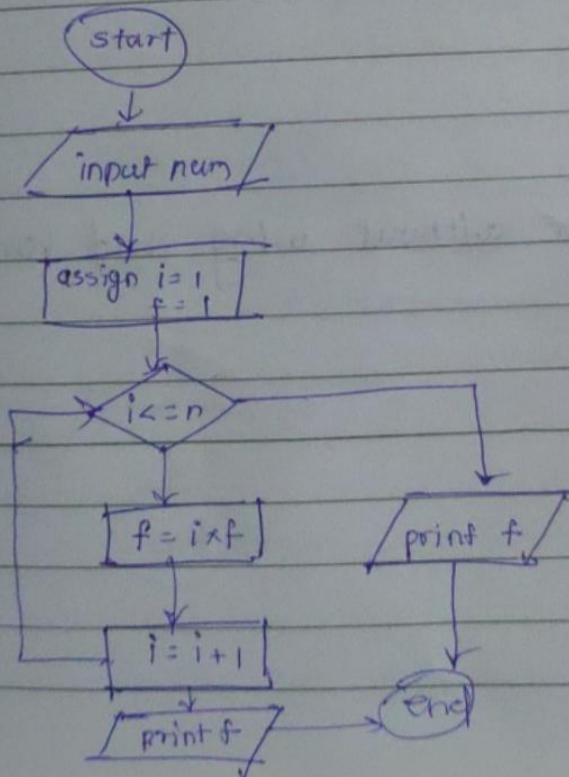


Assignment - 1

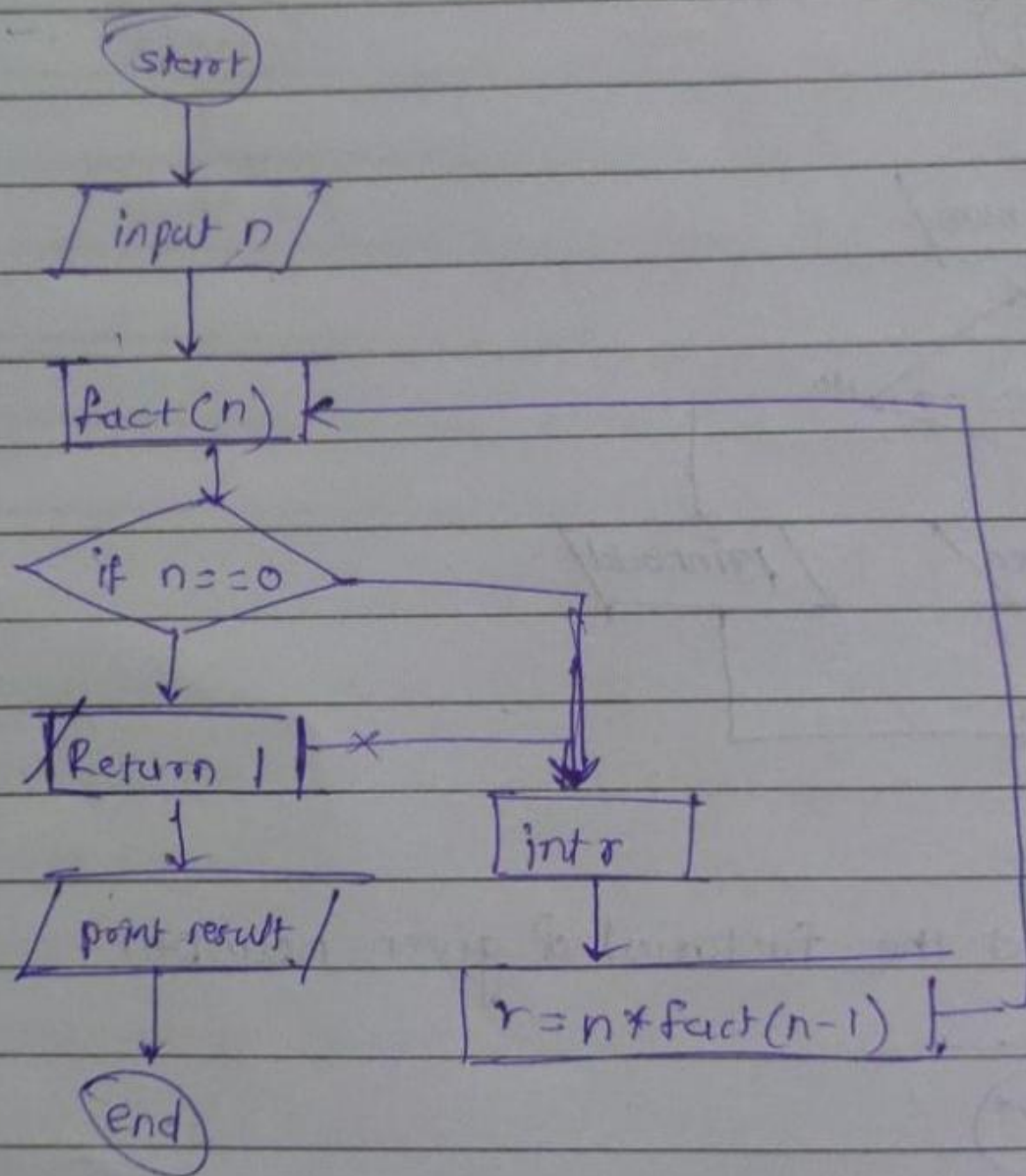
Q4) check the given no. is even or odd.



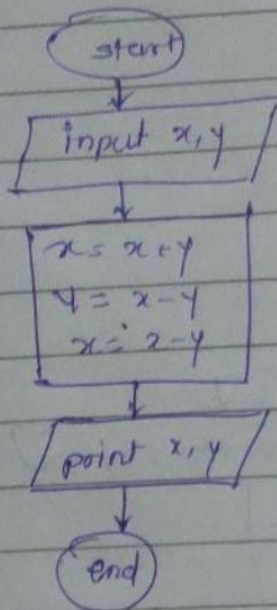
Q5) To find the factorial of given number.



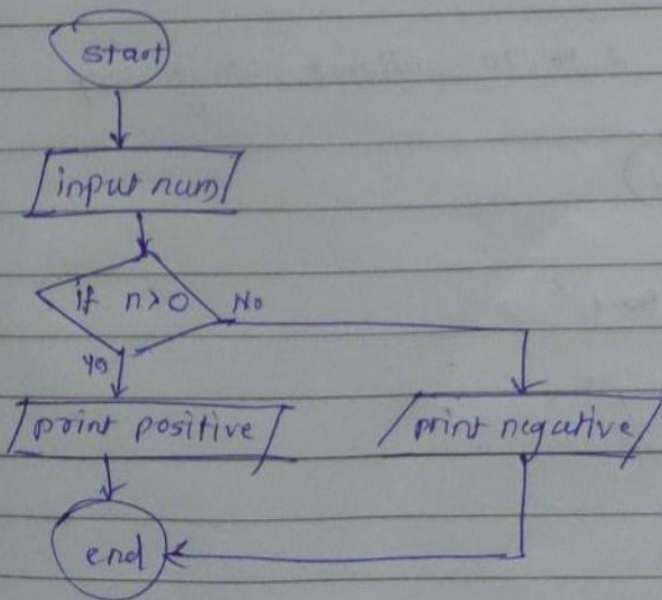
Ques) Find Factorial using recursion.



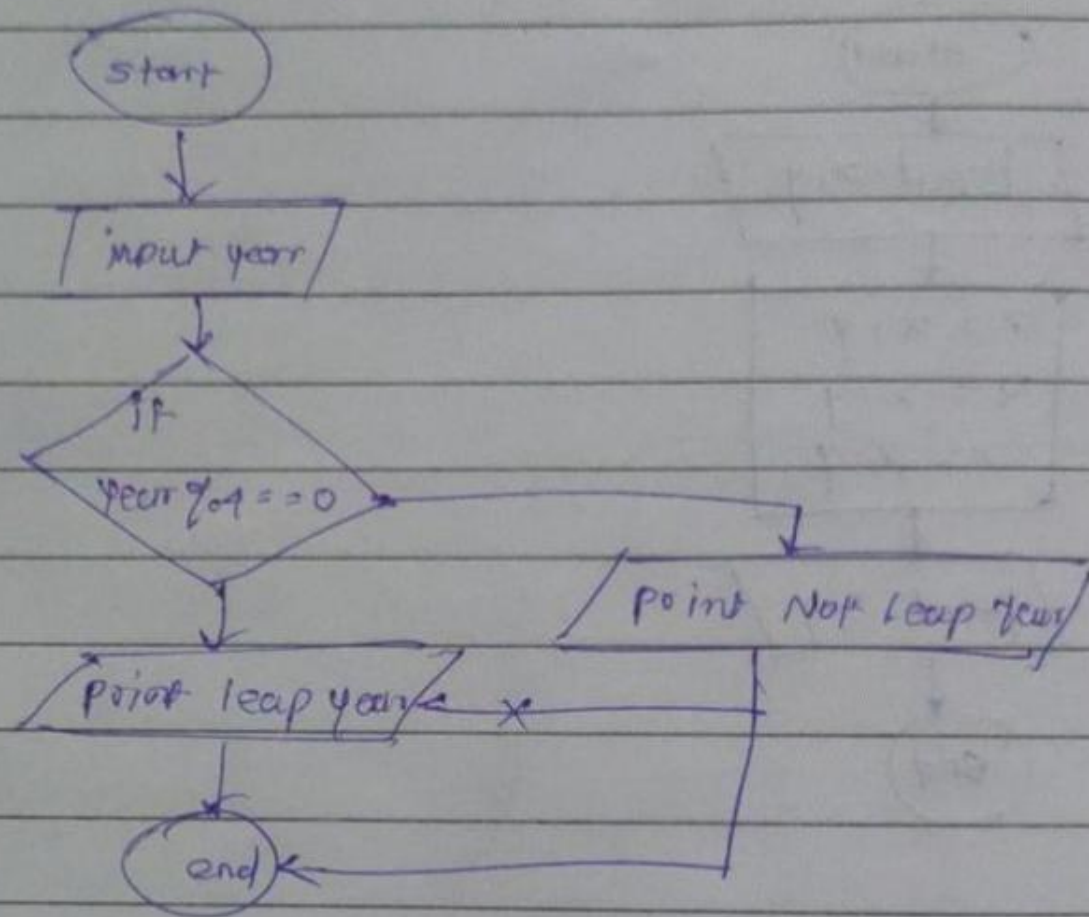
Que 4 Swap two numbers without using third variable



Que 5 check given no. is positive or negative.

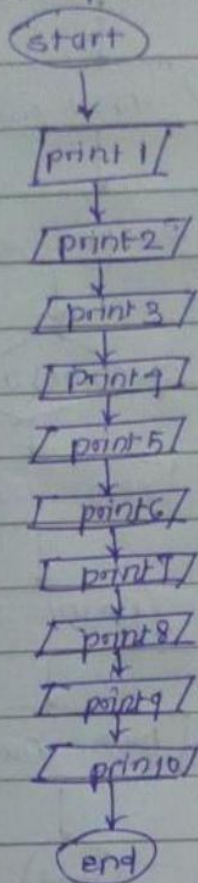


Ques 6) Find whether given number is leap year or Not



Que 7)

*To print 1 to 10 without using loop.



Que 8)

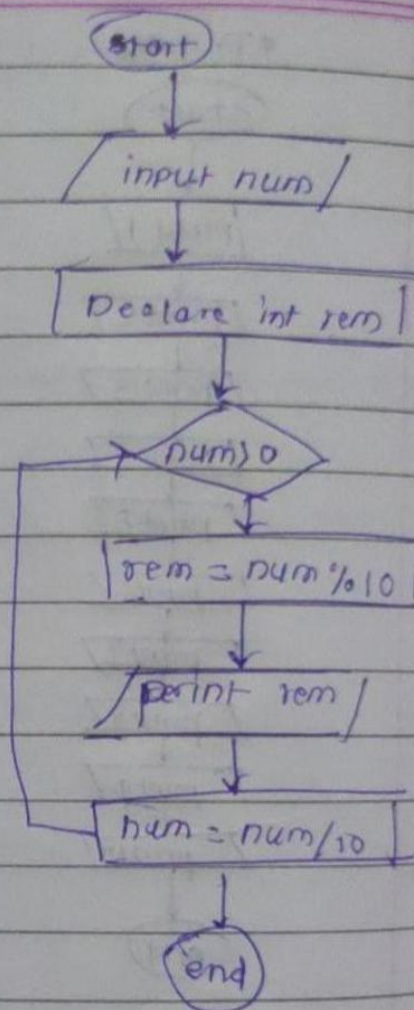
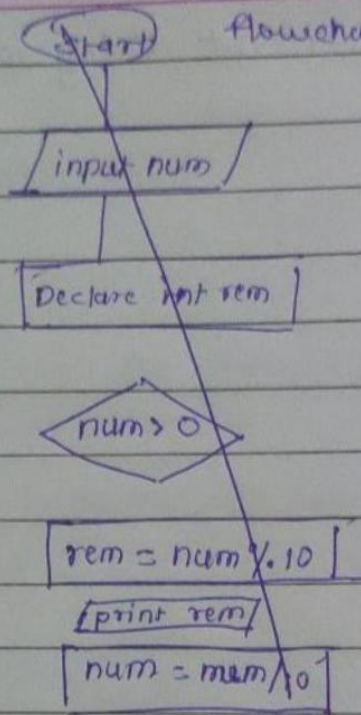
To print digits of given Number.

Algorithm

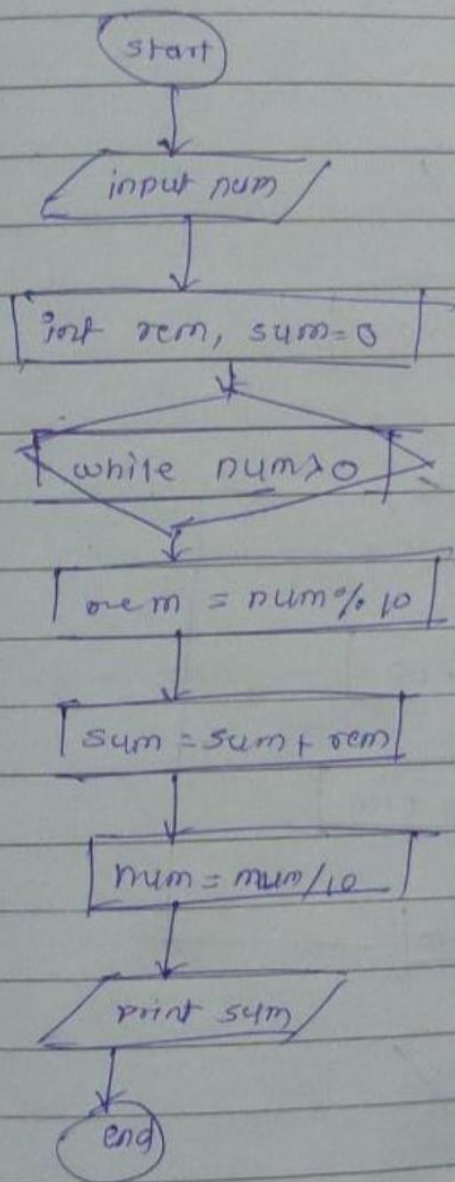
- 1) start
- 2) Get Number from User & store it in num.
- 3) Use while loop ($\text{num} > 0$)
 - 1) $\text{rem} = \text{num} \% 10$
 - 2) print rem;
 - 3) $\text{num} = \text{num} / 10$
- 4) End.

Que 8

Flowchart



Ques 10) Write to find sum of digits of given No.



Que 1) Find the smallest of 3 numbers

algorithm

1. start

2. Get the three number from user & store them

$\&int a, b, c;$

3. compare the number using following loop.

 • if ($n1 \leq n2$ & $n1 \leq n3$)

 print ($n1$)

 else if ($n2 \leq n1$ & $n2 \leq n3$)

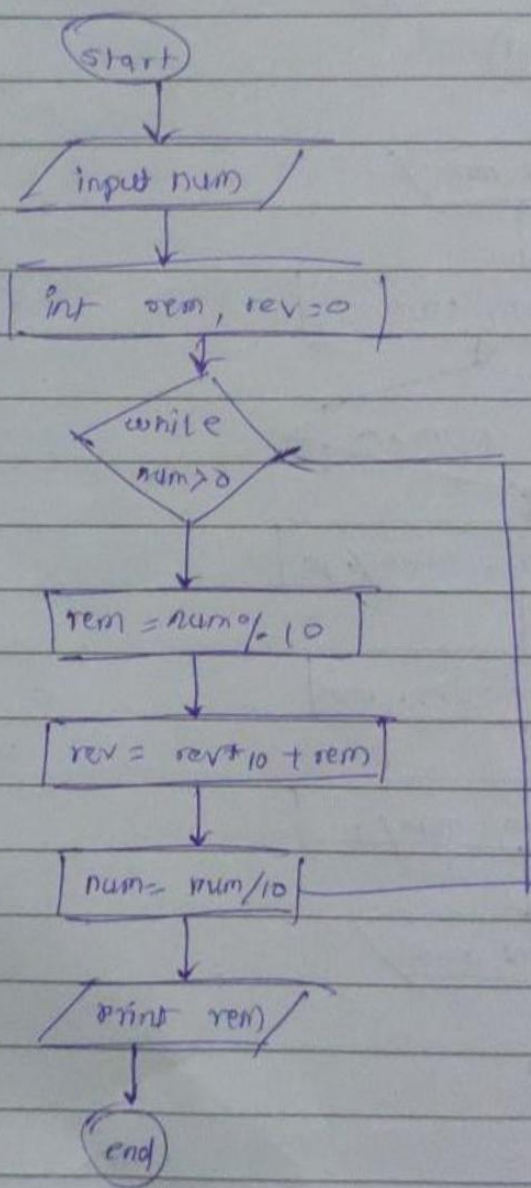
 print ($n2$)

 else

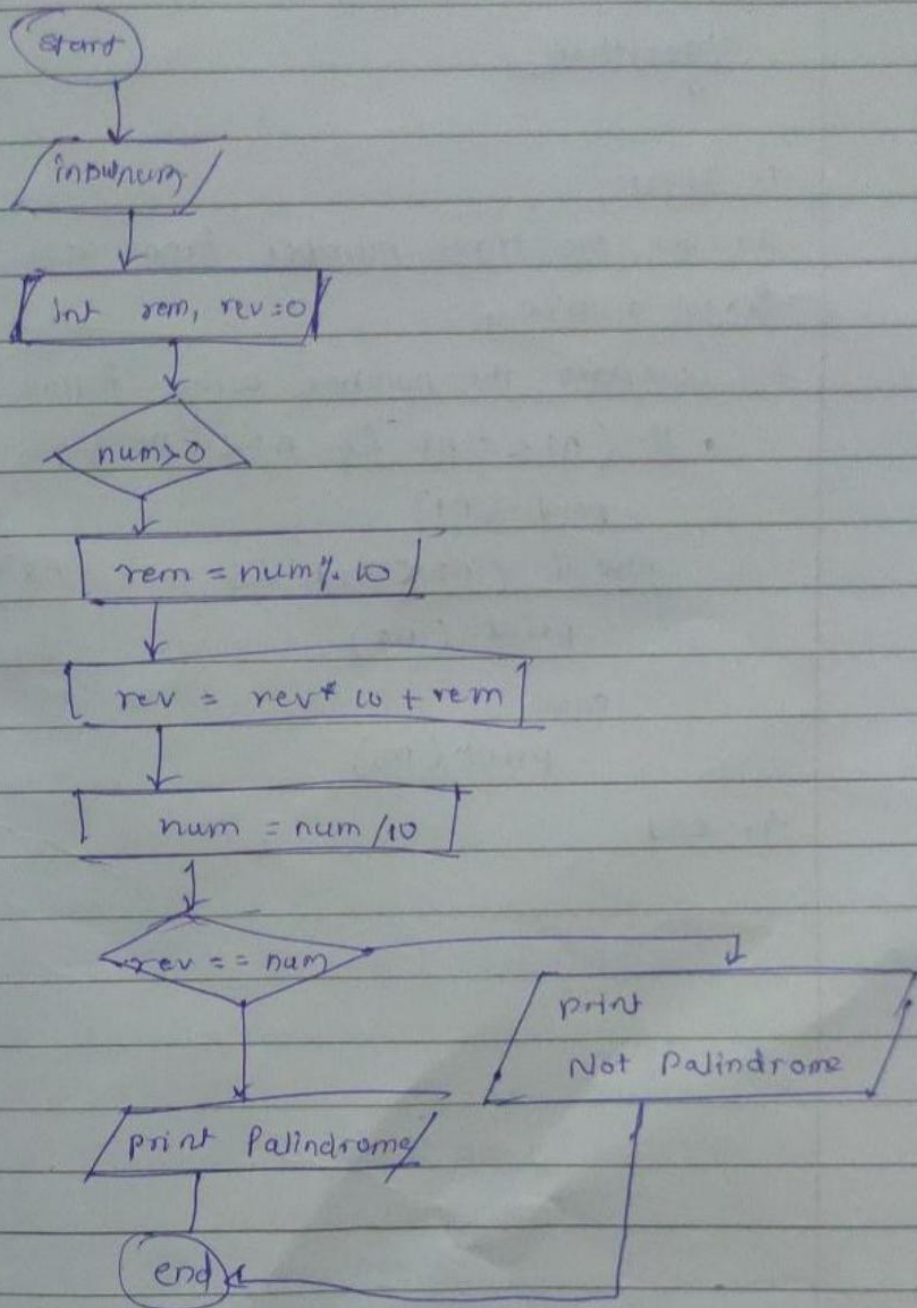
 print ($n3$)

4. end.

13) To reverse a number



17) check whether given number is palindrome or Not



Q. 19) To print Even numbers

Algorithm

1. START

2. Take a number/count to print that much even numbers

int num;

3. Declare & initialize a variable to zero.

int sum = 0;

4. Apply for loop using condition as follow.

For (int i = 1; i ≤ num; i++)

5. Use condition sum = sum + 2;

6. Print sum for each loop

7. STOP.

Q. 20) To print the Odd Number series.

Algorithm

1. START

2. Take a count to print that much odd numbers

int count;

3. Declare & initialize a variable to zero;

int sum = 0;

4. Apply for loop using following conditions

5. Use condition sum = sum for (int i = 1; i ≤ count; i++)

6. Use sum = sum + 2; & print sum for each loop.

7. STOP