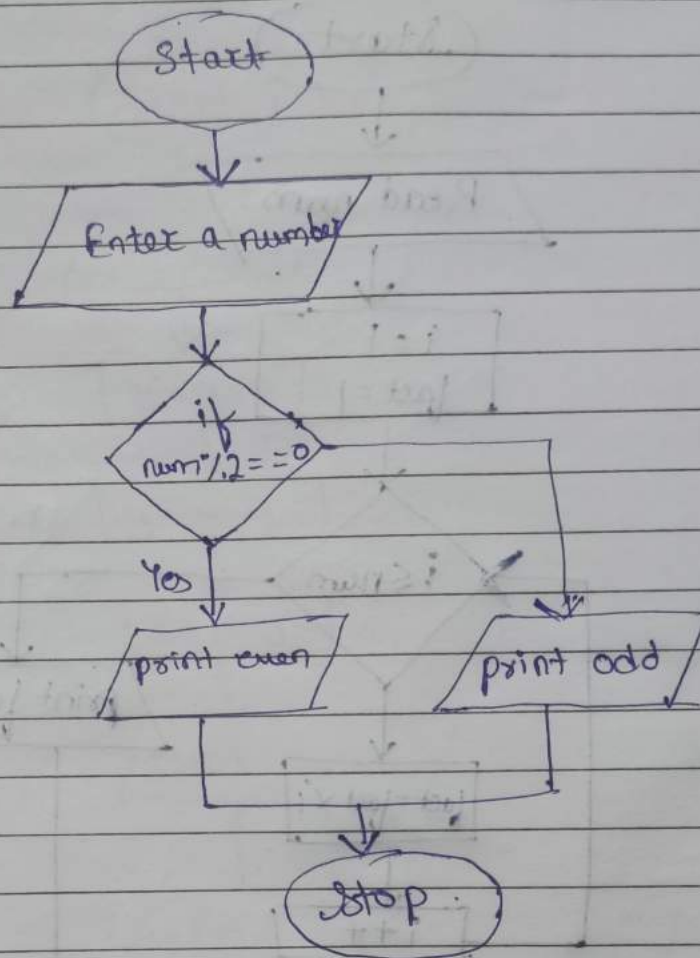
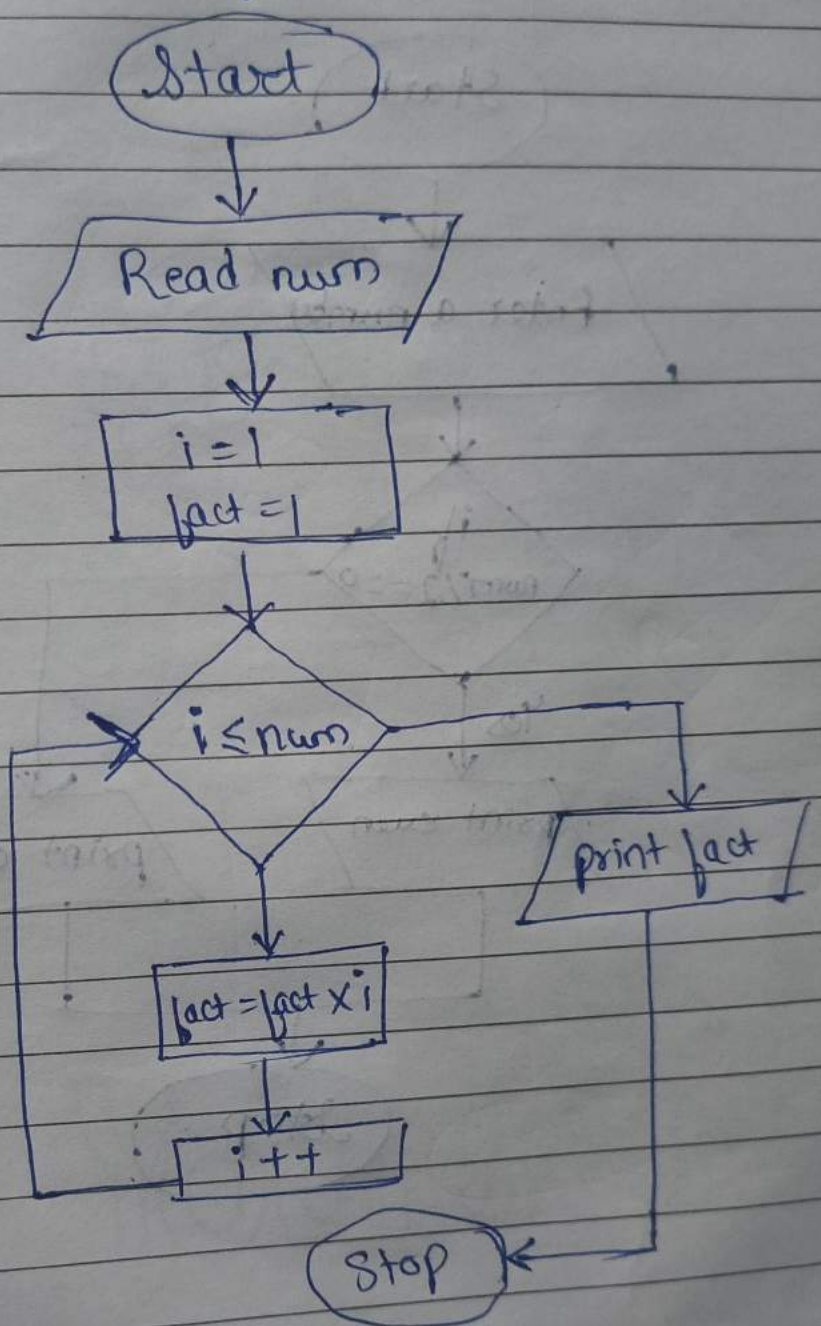


① Check the given number is even or odd



2) To find factorial of given number.



Q Find the factorial of number using recursion.

Algorithm:-

Step 1:- Start.

Step 2:- Read number  $n$ .

Step 3:- Call factorial( $n$ )

Step 4:- Print factorial  $f$ .

Step 5:- Stop.

factorial( $n$ ).

Step 1:- If  $n == 1$  then return 1

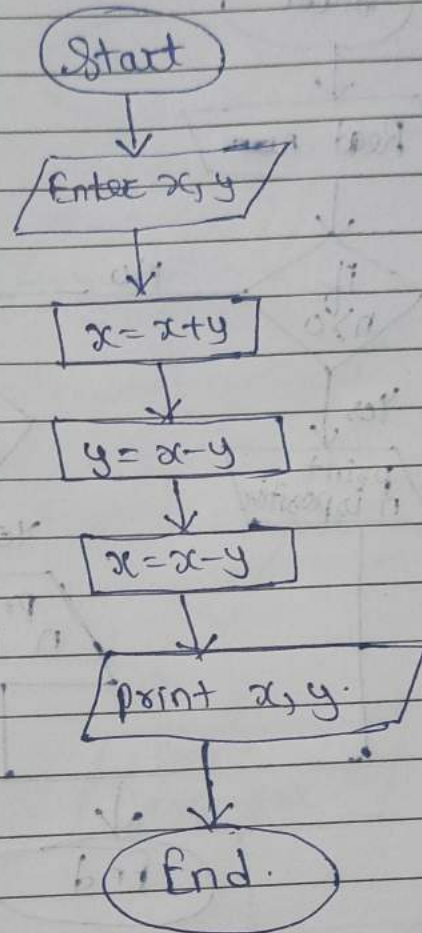
Step 2:- Else

$f = n * \text{factorial}(n-1)$

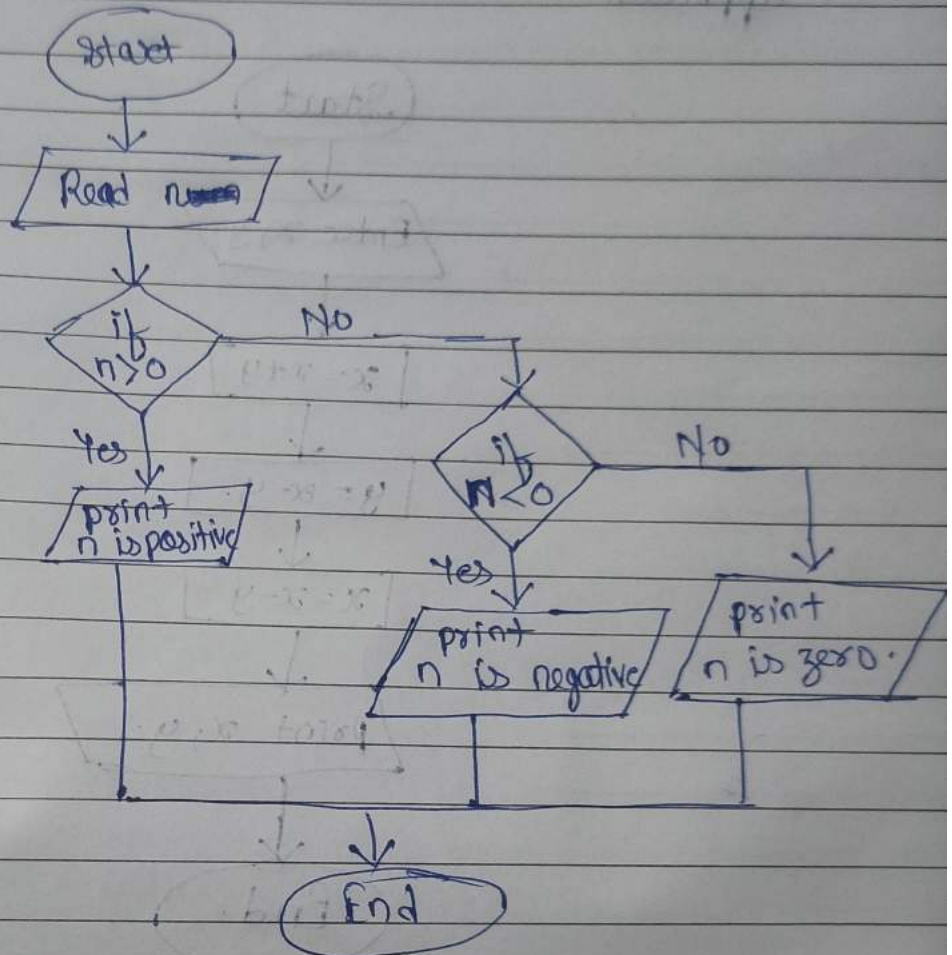
Step 3:- Return  $f$ .



47 swap two numbers without using third variable approach.



5) How to check the number is positive or negative.



7] WAP to print number 1 to 10 without using loop.

Step 1:- Start

Step 2:- Call recursive function

recursive(int n)

Step 3:- Stop

recursive(int n)

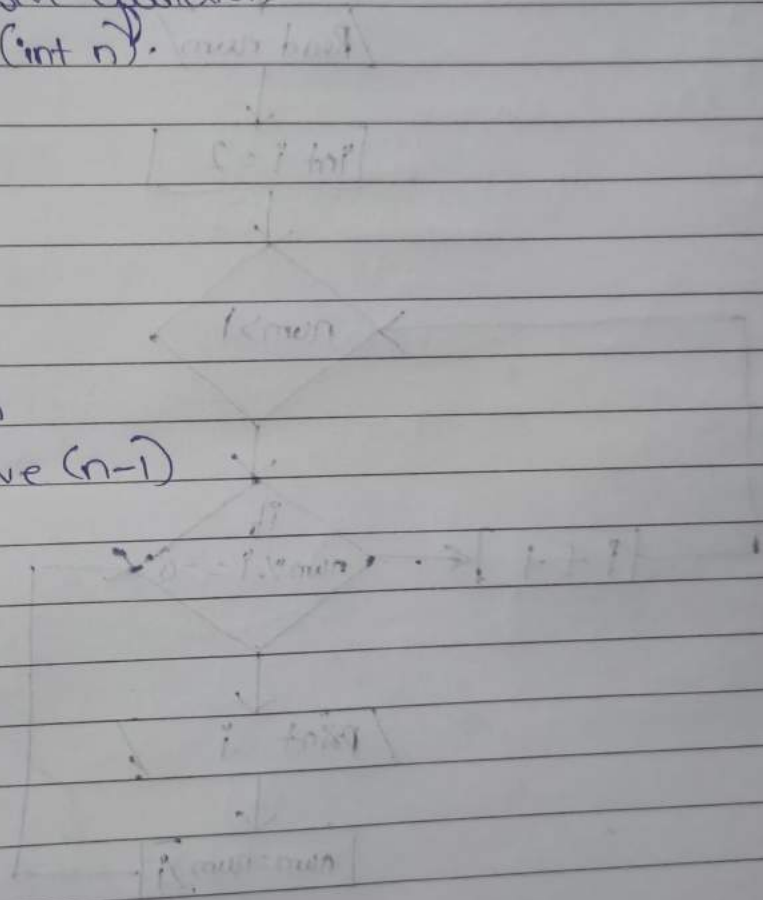
Step 1:- if  $n \geq 1$

Step 2:- True:-

print n

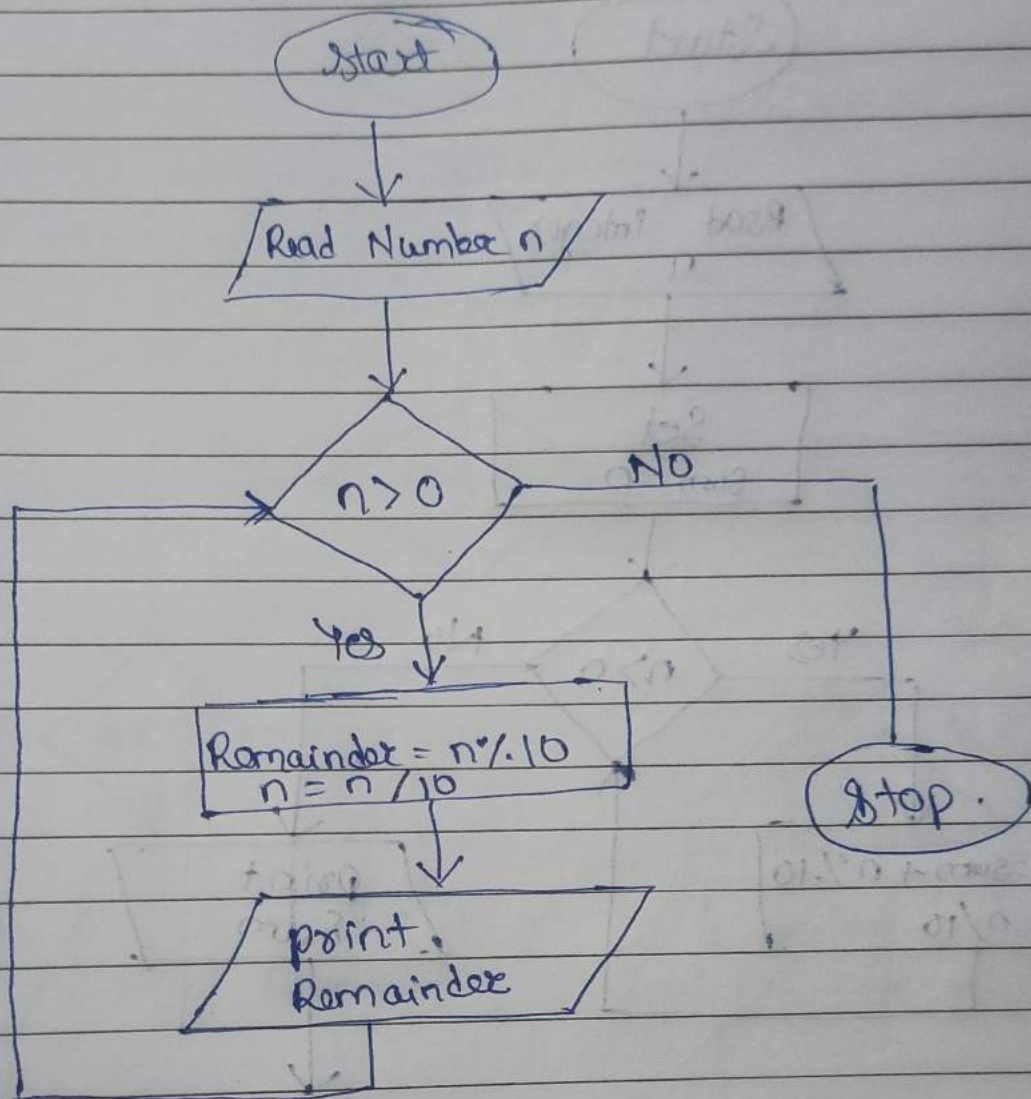
Step 3:- recursive(n-1)

~~Step~~





8) WAP to print the digits of Given number.



8) Write a program to find all factors of given number.

START

Declare  
 $n, i$  as int

Read  $n$

for( $i=1$   
to  $i \leq n$ )

No

$i = i + 1$

Yes

$n \% i == 0$

No

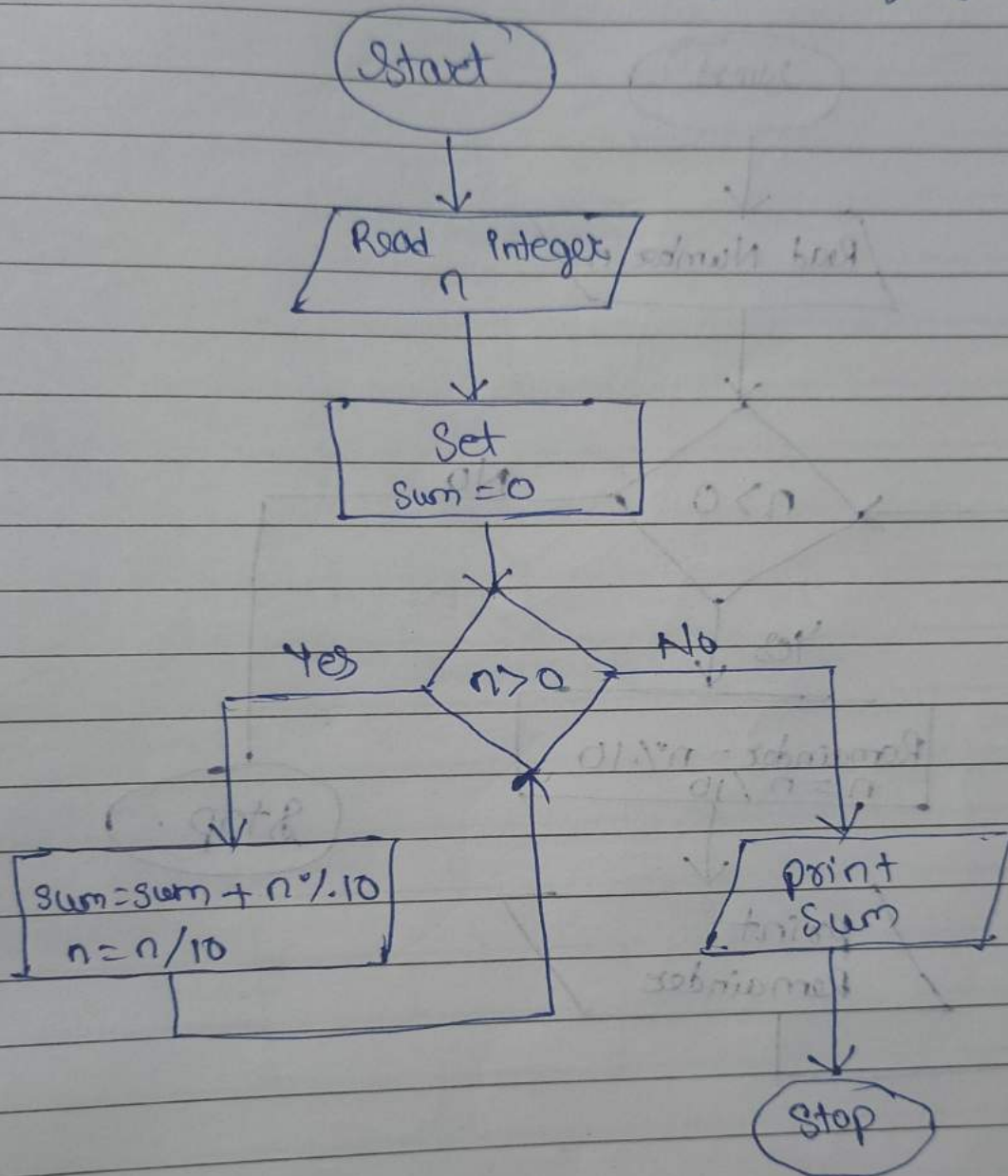
Yes

print  $i$

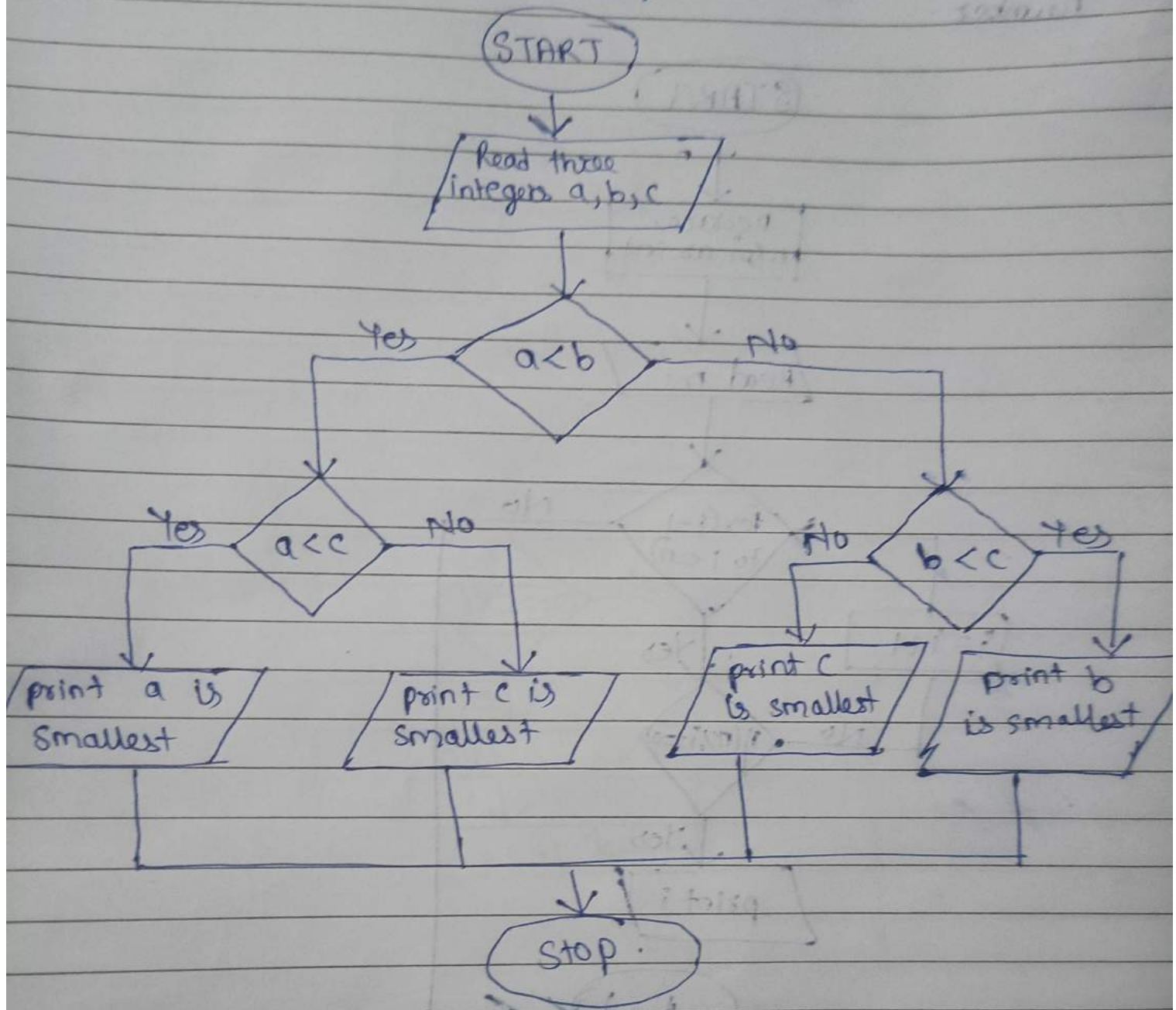
End



10) WAP to find sum of digits of given number:



ii) WAP to find smallest of three numbers (a, b, c)



RT WAP to add two numbers without using arithmetic operator.

Step 1:- Start

Step 2:- Read two number a, b.

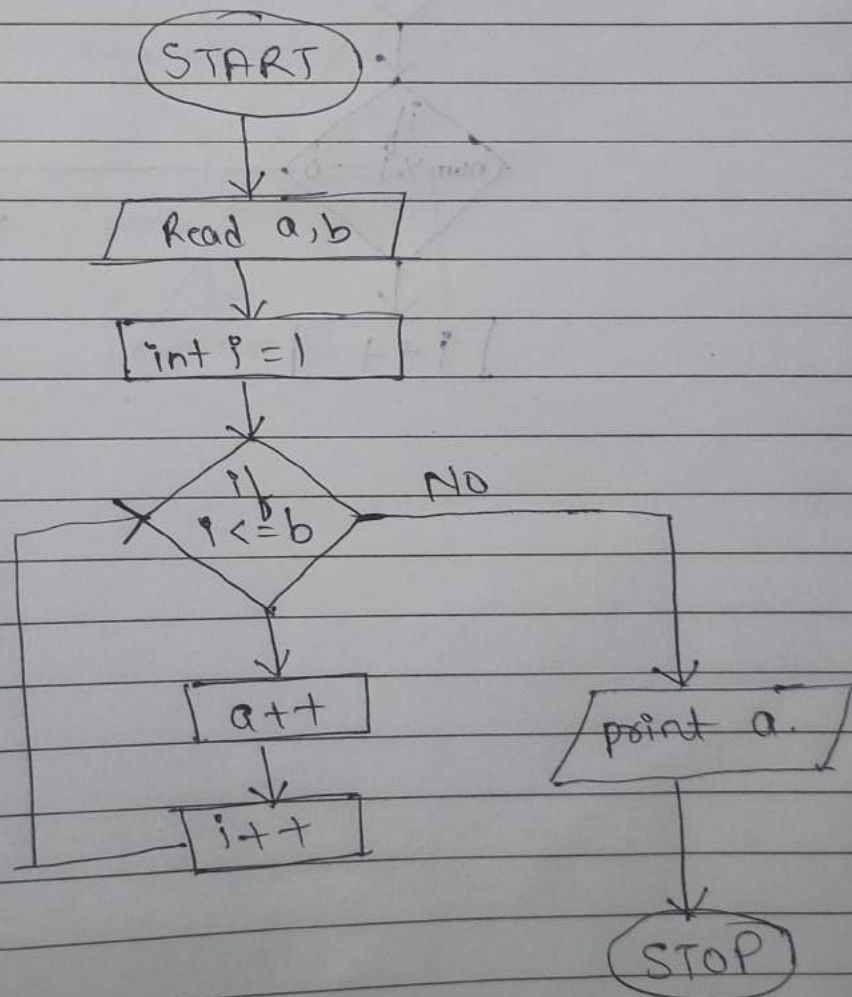
Step 3:- To Declare  $\text{int } i = 1$

Step 4:- if  $i \leq b$   
~~then~~  $a++$

Step 5:-  $i = i + 1$

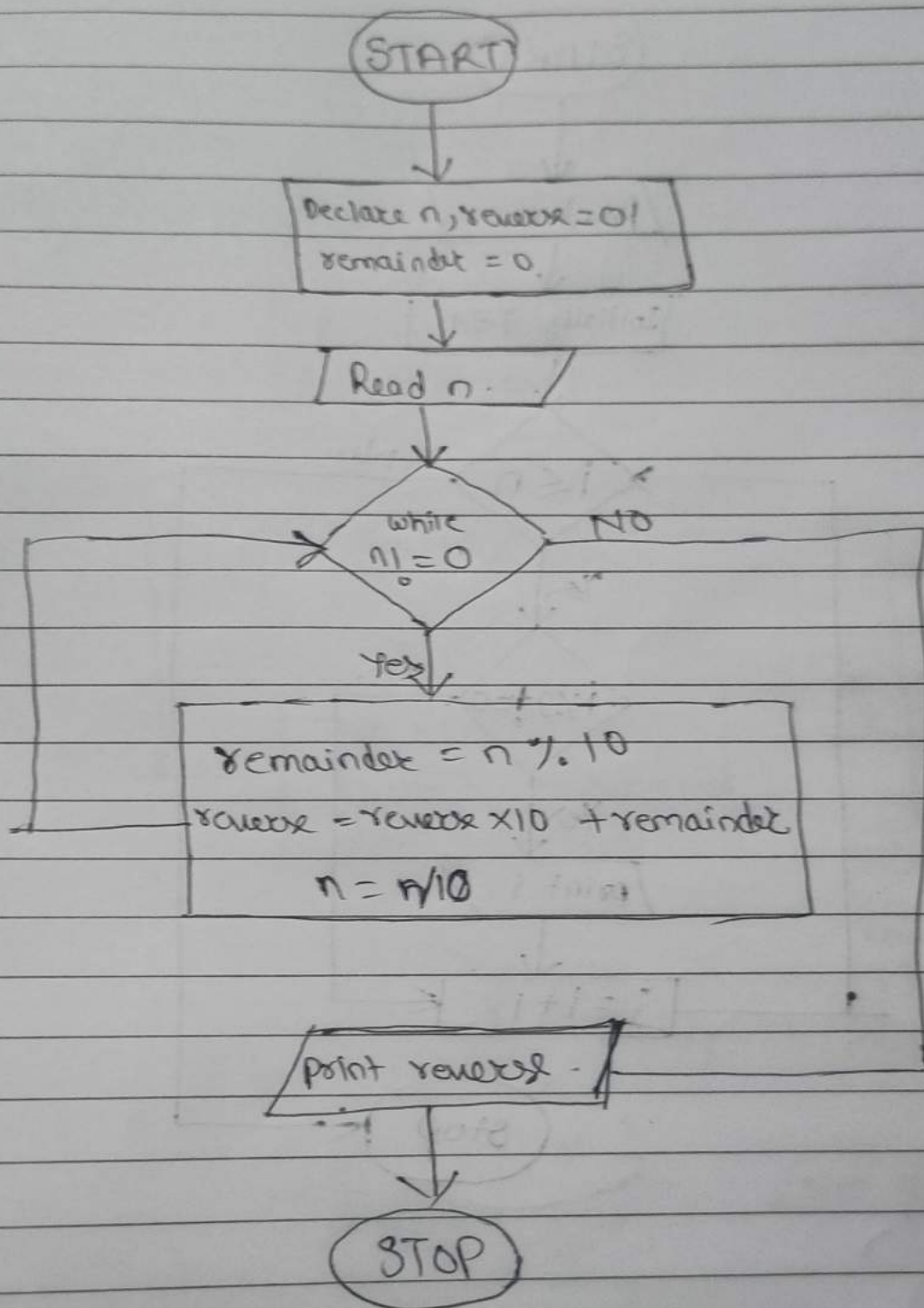
Step 6:- print a.

Step 7:- Stop.

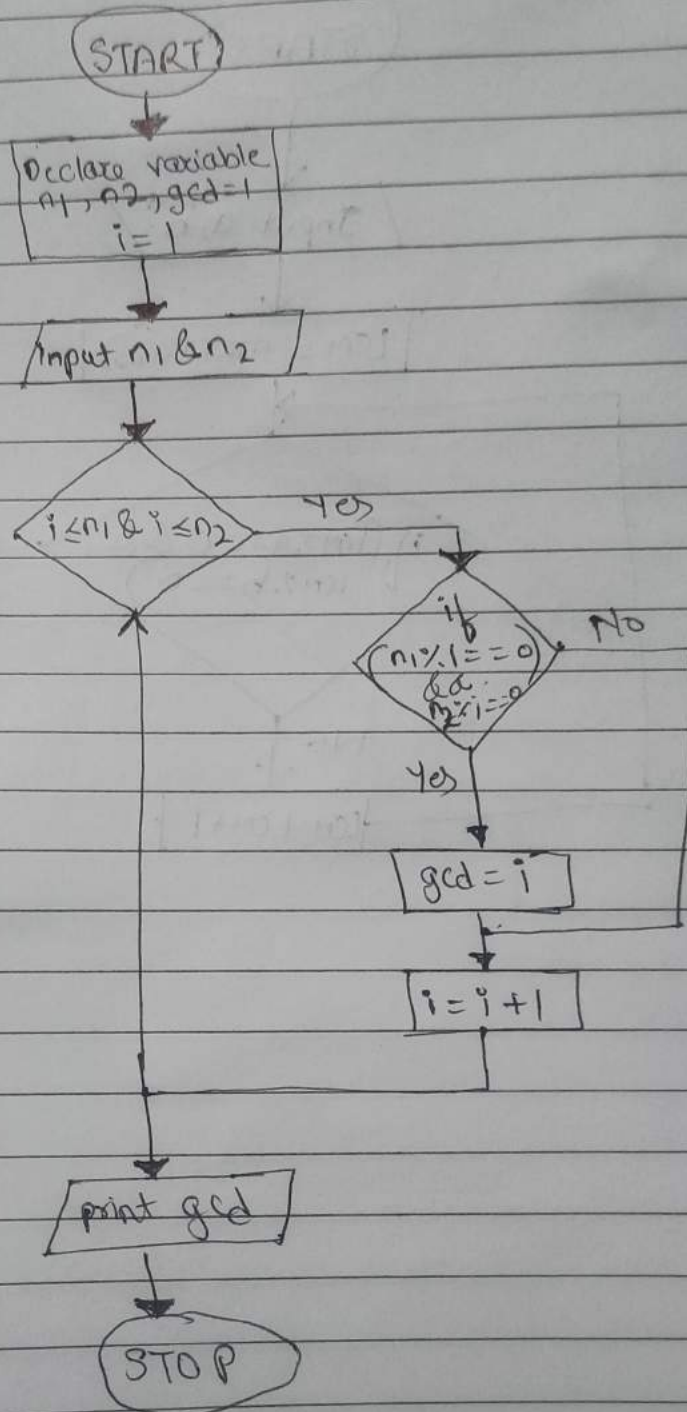




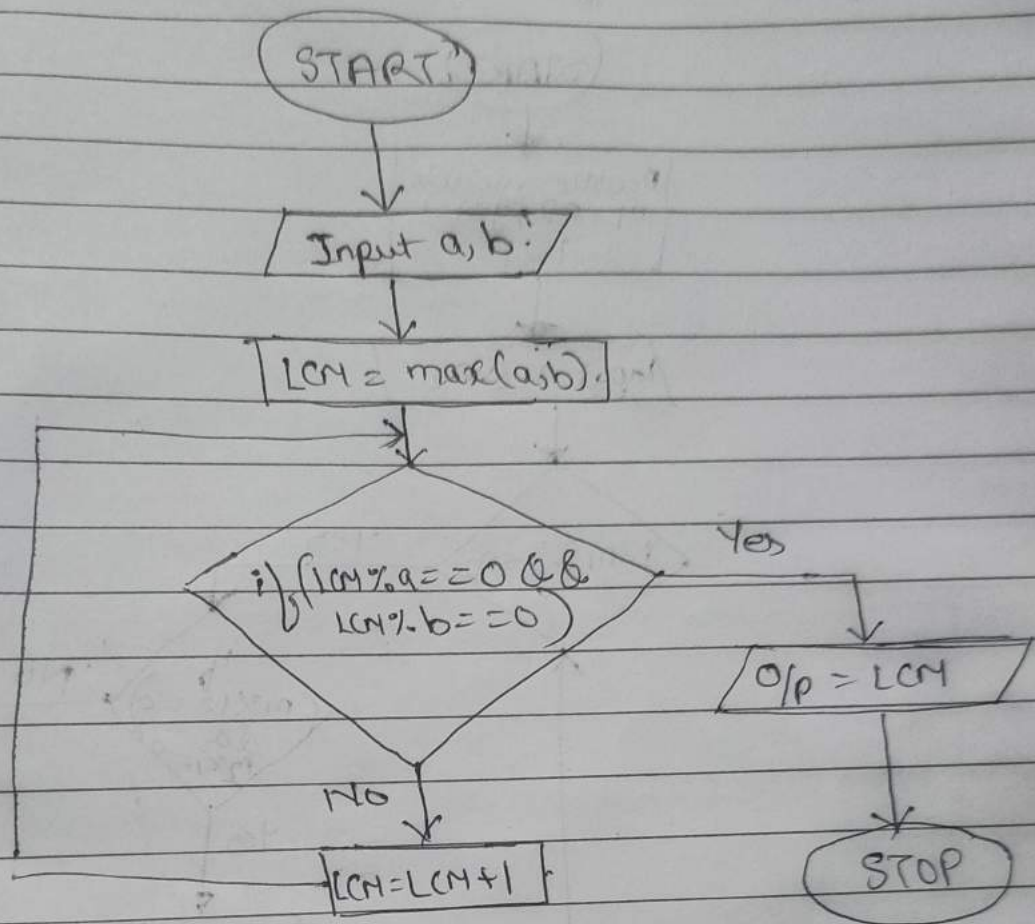
13) WAP to print reverse of given number.



14) WAP to find GCD of two given number.

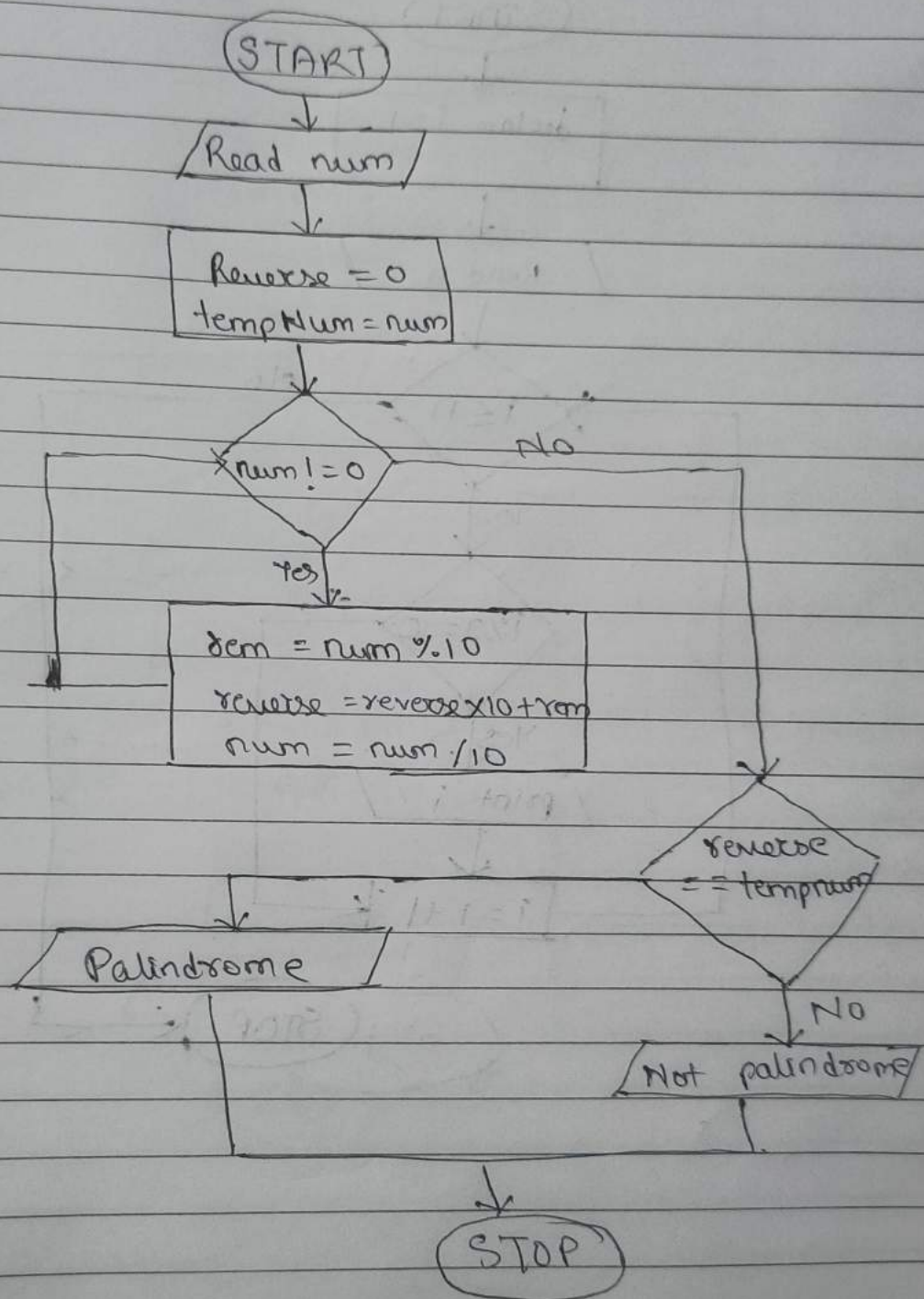


15) WAP to print LCM of two given numbers.

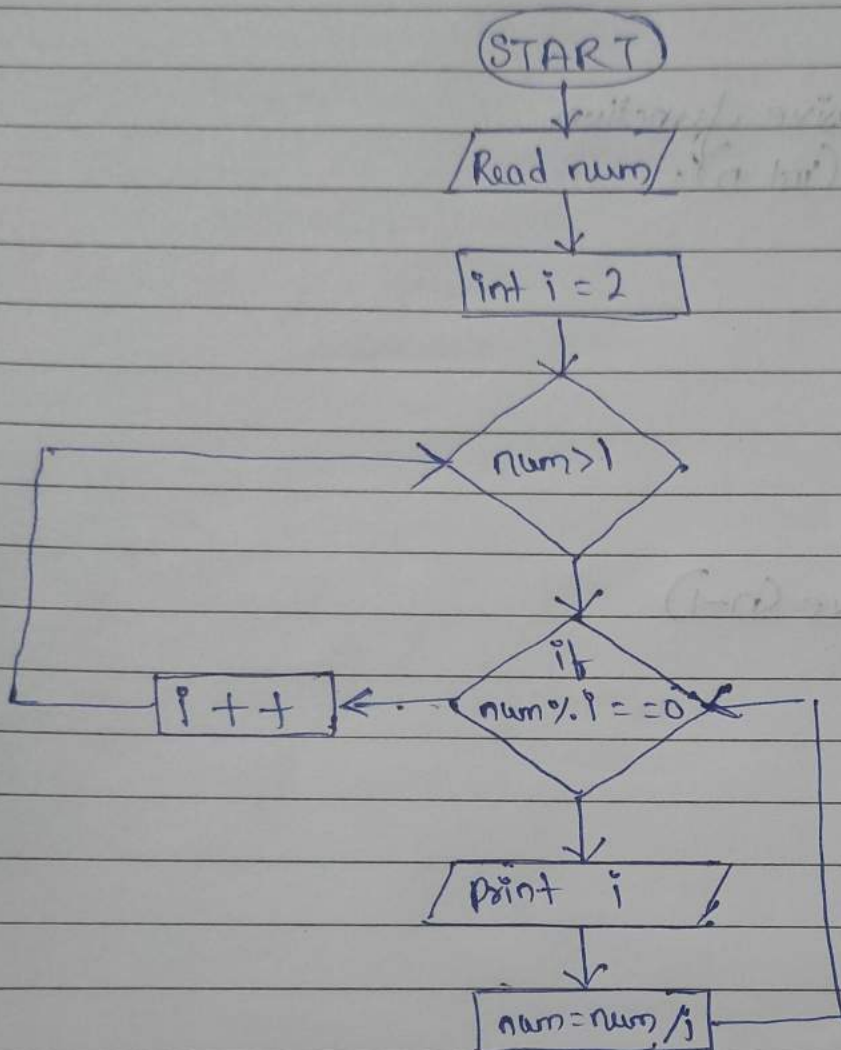




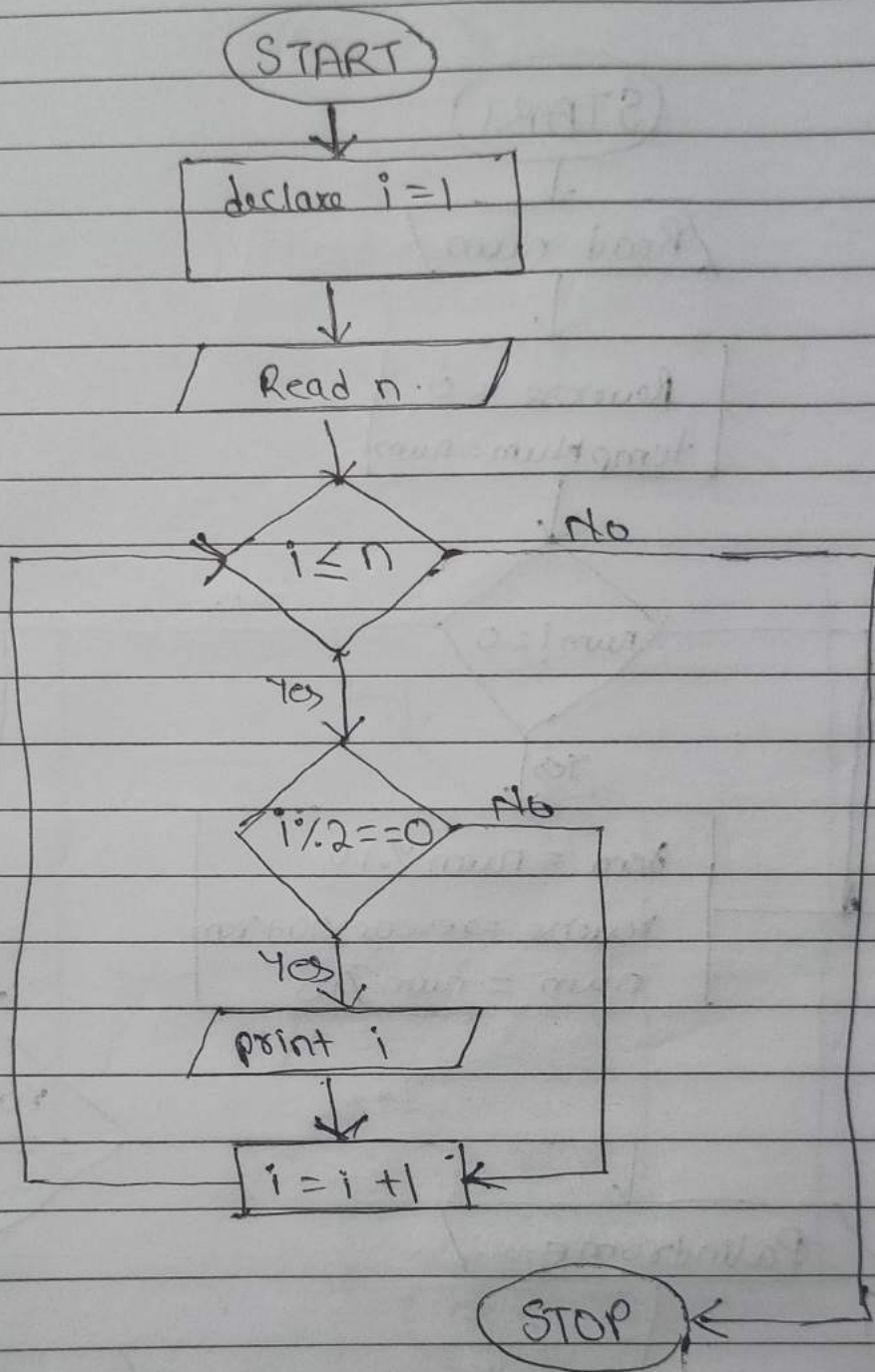
17) Check whether the given number is palindrome or Not.



18) WAP to print prime factors of given num.

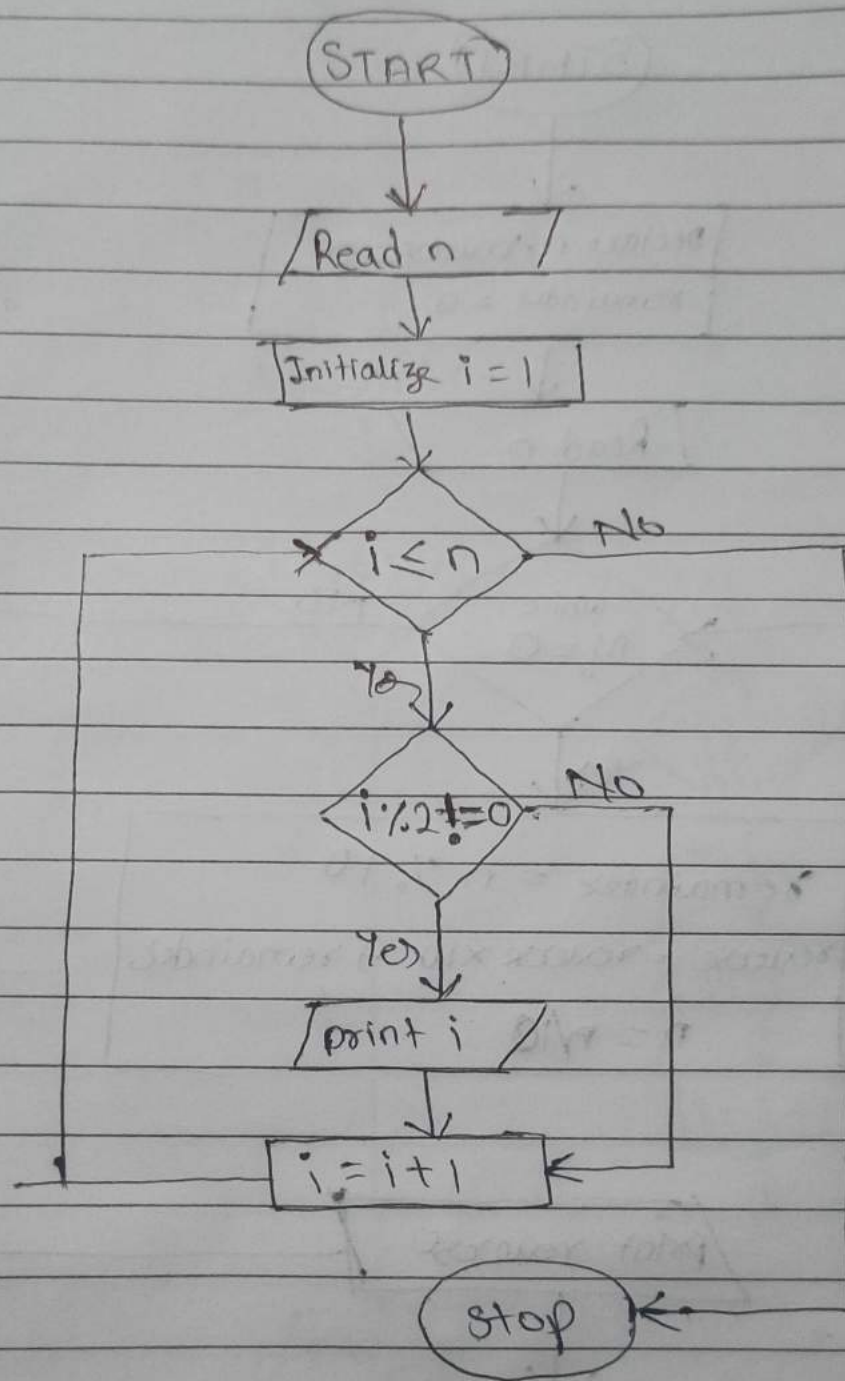


19) WAP to print the even number series





207 WAP To print odd number series



6) WAP to check the year is leap or not.

