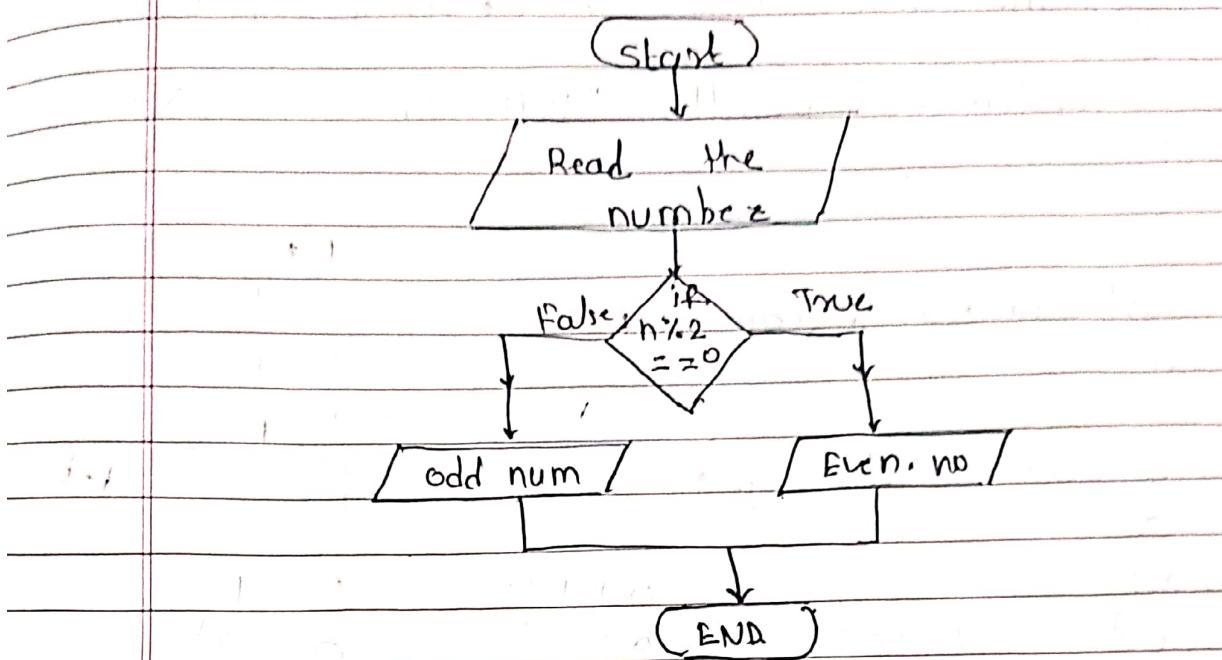


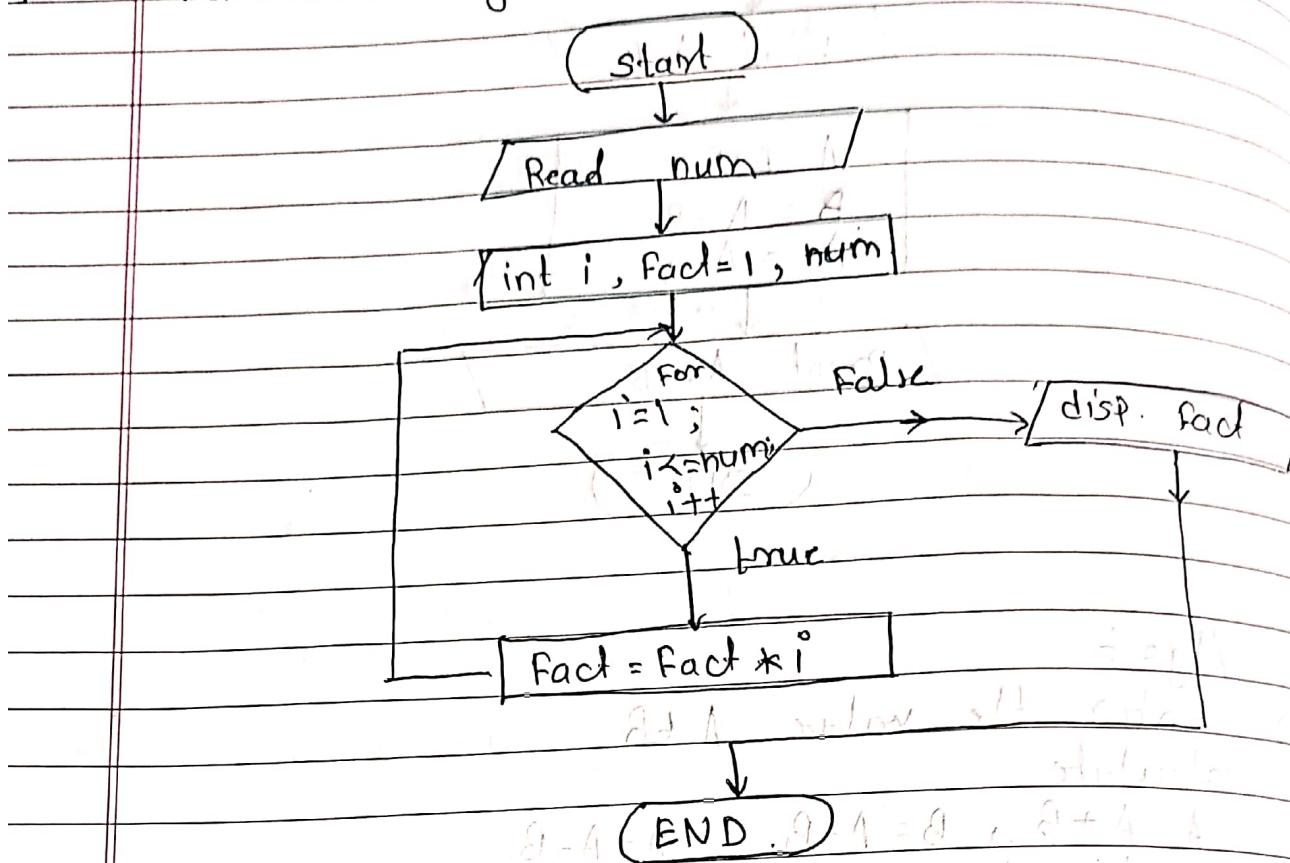
## Q.1 Even or odd



→ Algo

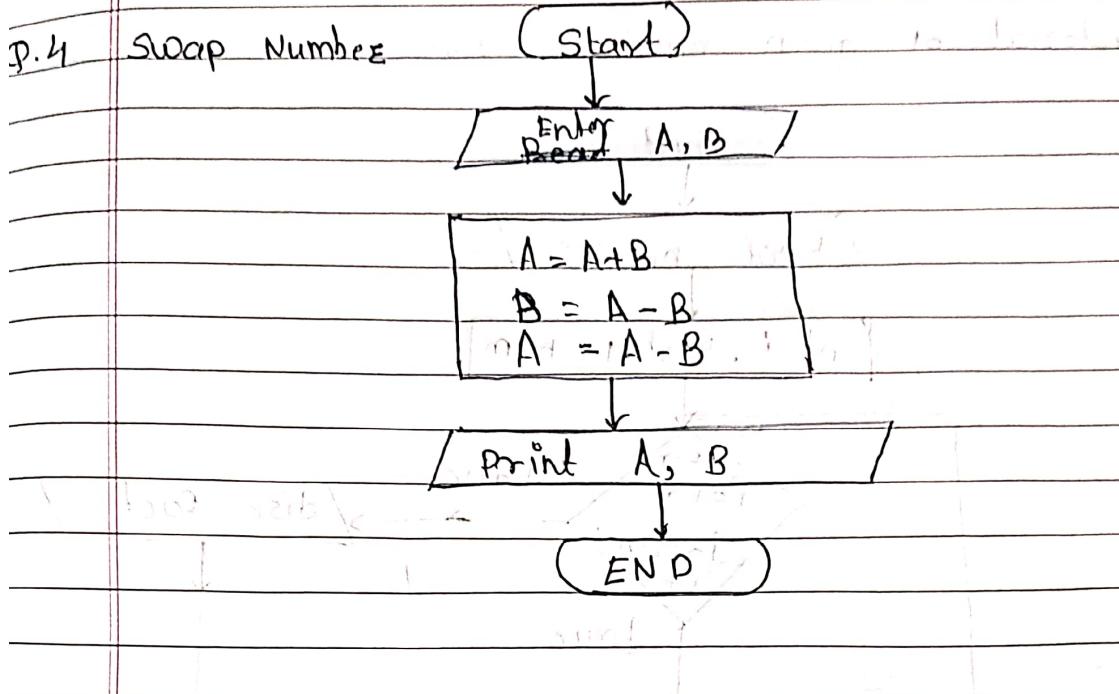
- 1) Read the number
- 2) Check  $num \% 2 == 0$  then print odd
- 3) print Even for odd.
- 4) END.

Q.2 Factorial of given number



Algo:-

- 1) Read the numb
- 2) Declare int i, Fact = 1
- 3) check for (i=1; i<=num; i++);
- 4) calculate Fact = Fact \* i
- 5) display the Fact.

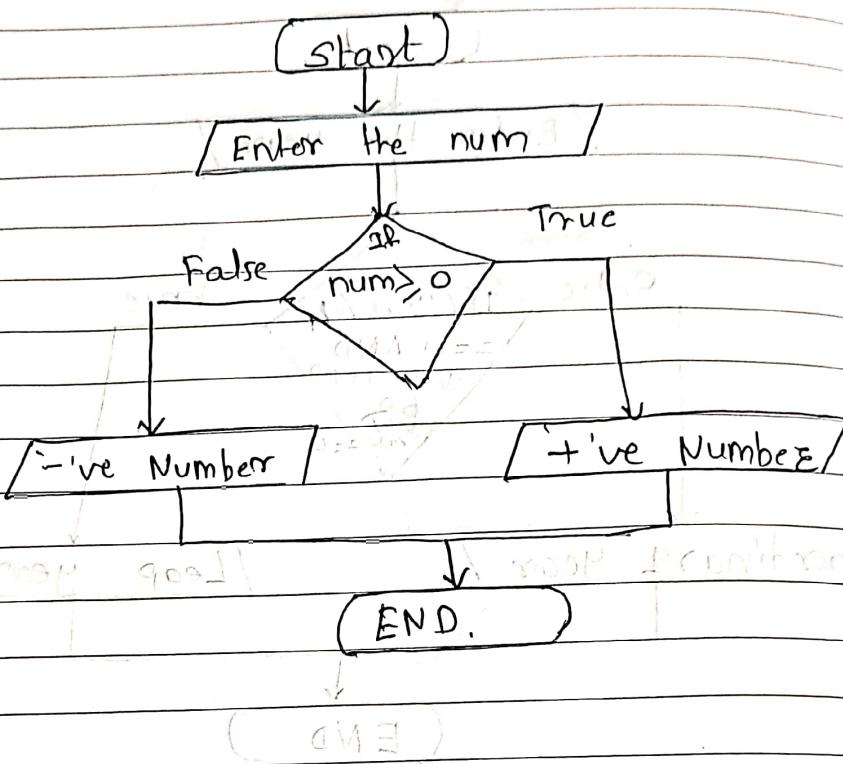


Algo :-

- 1) Enter the value  $A + B$
- 2) calculate  

$$A = A + B, B = A - B \text{ then } A = A - B.$$
- 3) print  $A + B$ .

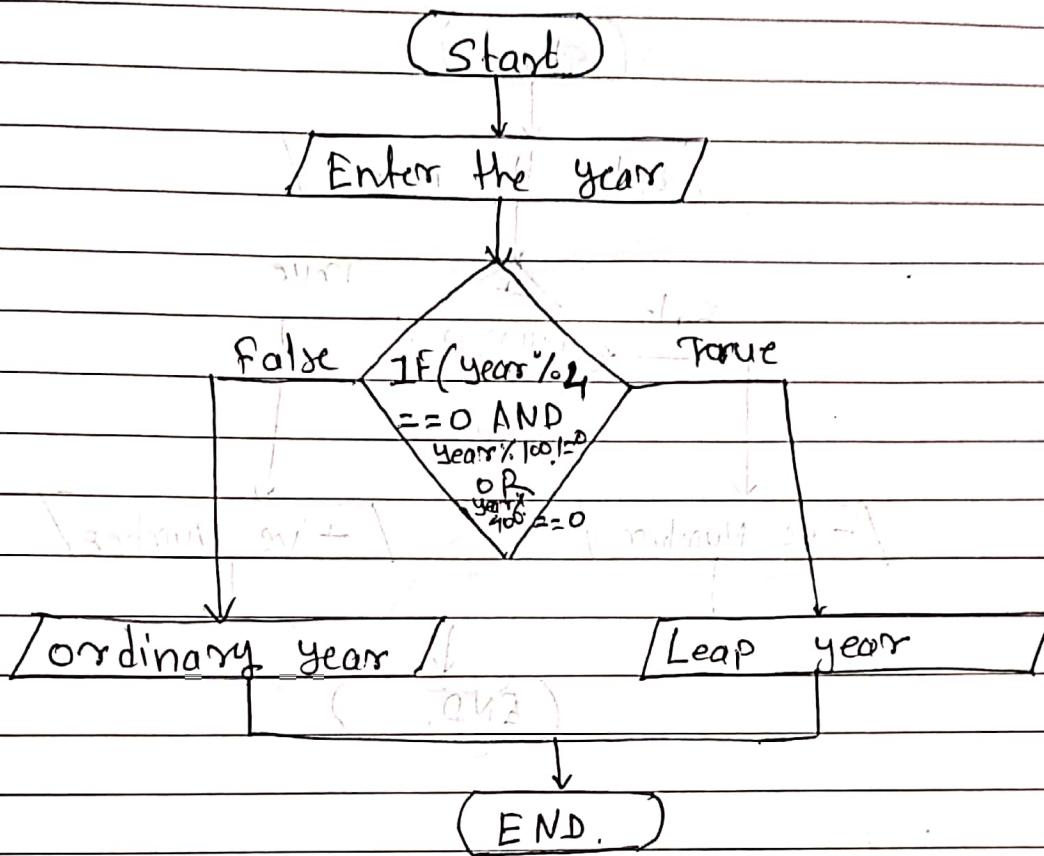
Q.5 given number positive or Negative



Algo:-

- 1) Read the number
  - 2) check if ( $\text{num} > 0$ )
  - 3) print "Positive" or "Negative"
- negative numbers are negative numbers  
positive numbers are positive numbers

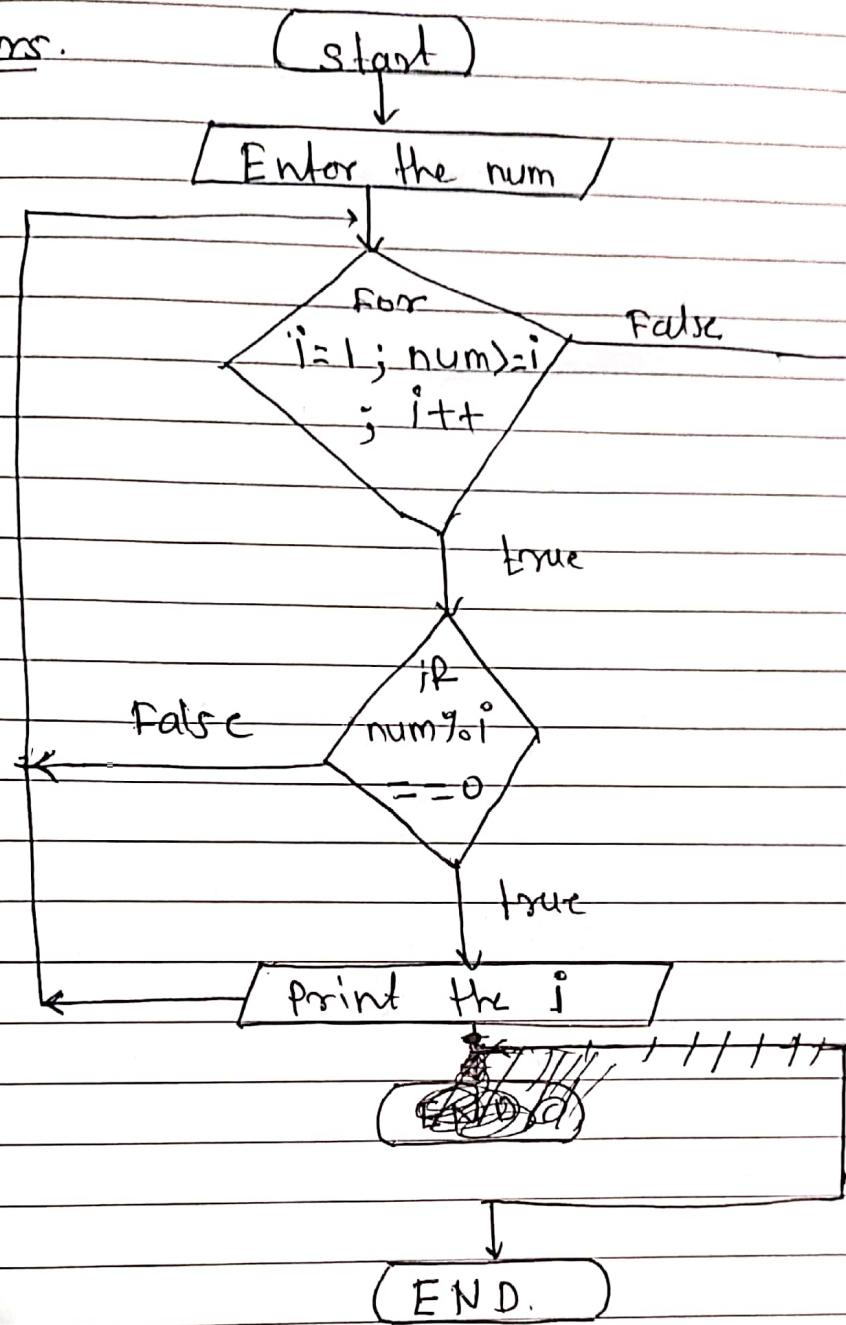
Q.6 Leap year or Not.



Algo

- 1) Enter the year.
- 2) check  $(\text{year} \% 4 == 0 \text{ AND } \text{year} \% 100 != 0) \text{ OR } (\text{year} \% 400 == 0)$
- 3) print: leap year or ordinary year.

Q.9 Factors.

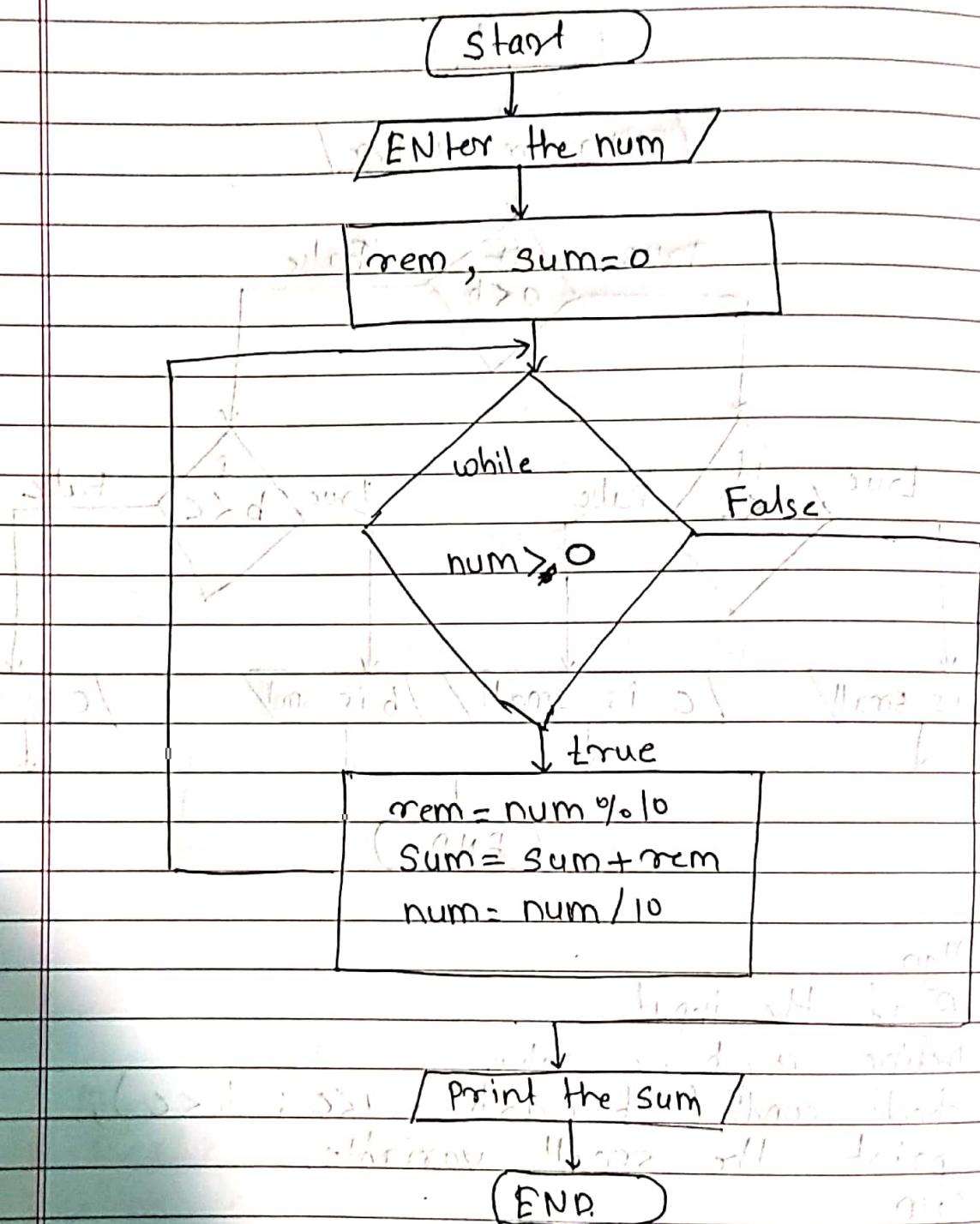


Algo

- 1) Enter the num
- 2) check the cond " for (i=1 ; num>=i ; i++) .
- 3) check ( num % i == 0 ).
- 4) print the num . i
- 5) END .

Q. 10

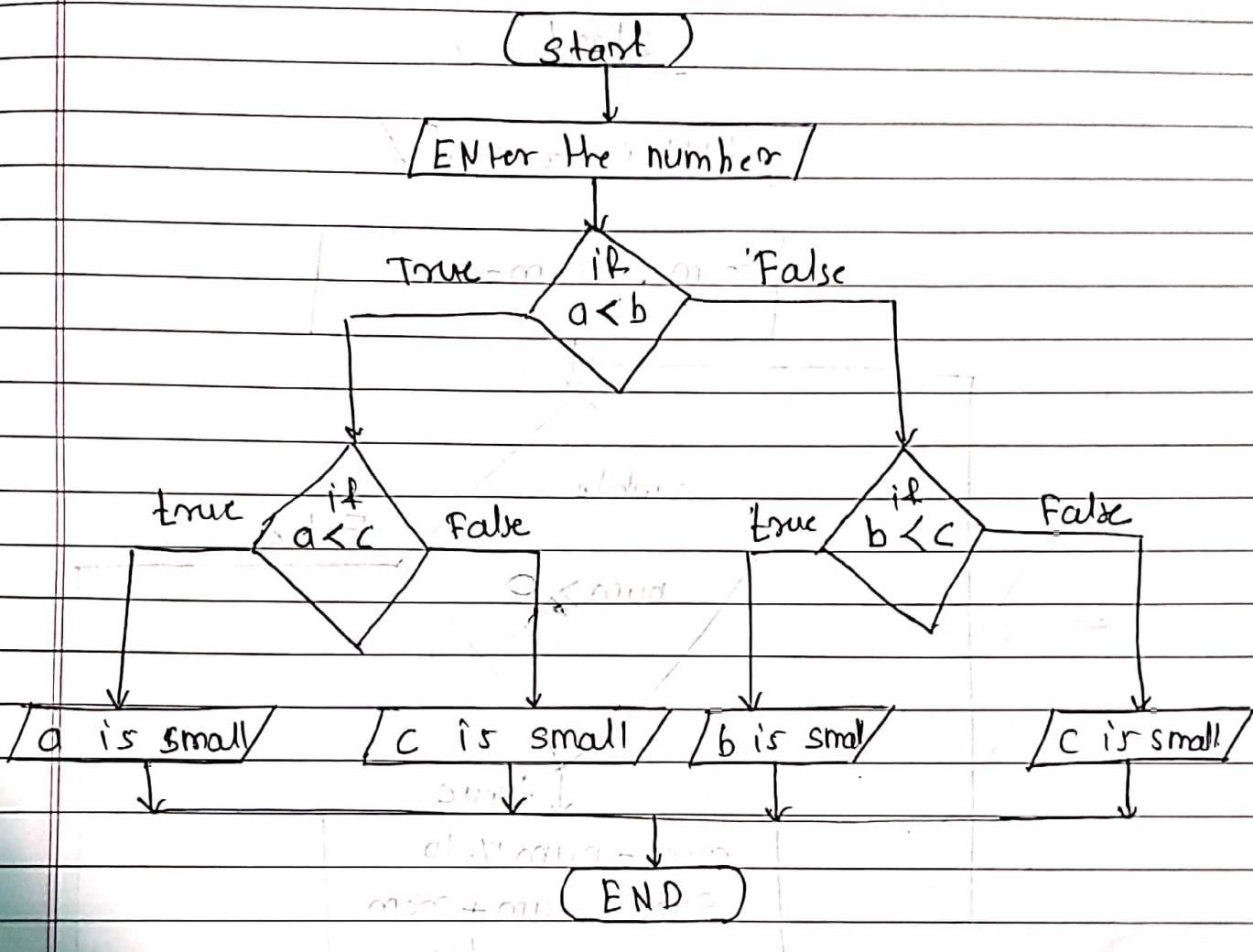
Sum of the digits



\* Algo

- 1) Enter the number
- 2) define rem, sum=0;
- 3) check while num>0
- 4) calculate rem=num%10 ; sum=sum+rem ; num=num/10
- 5) print sum.

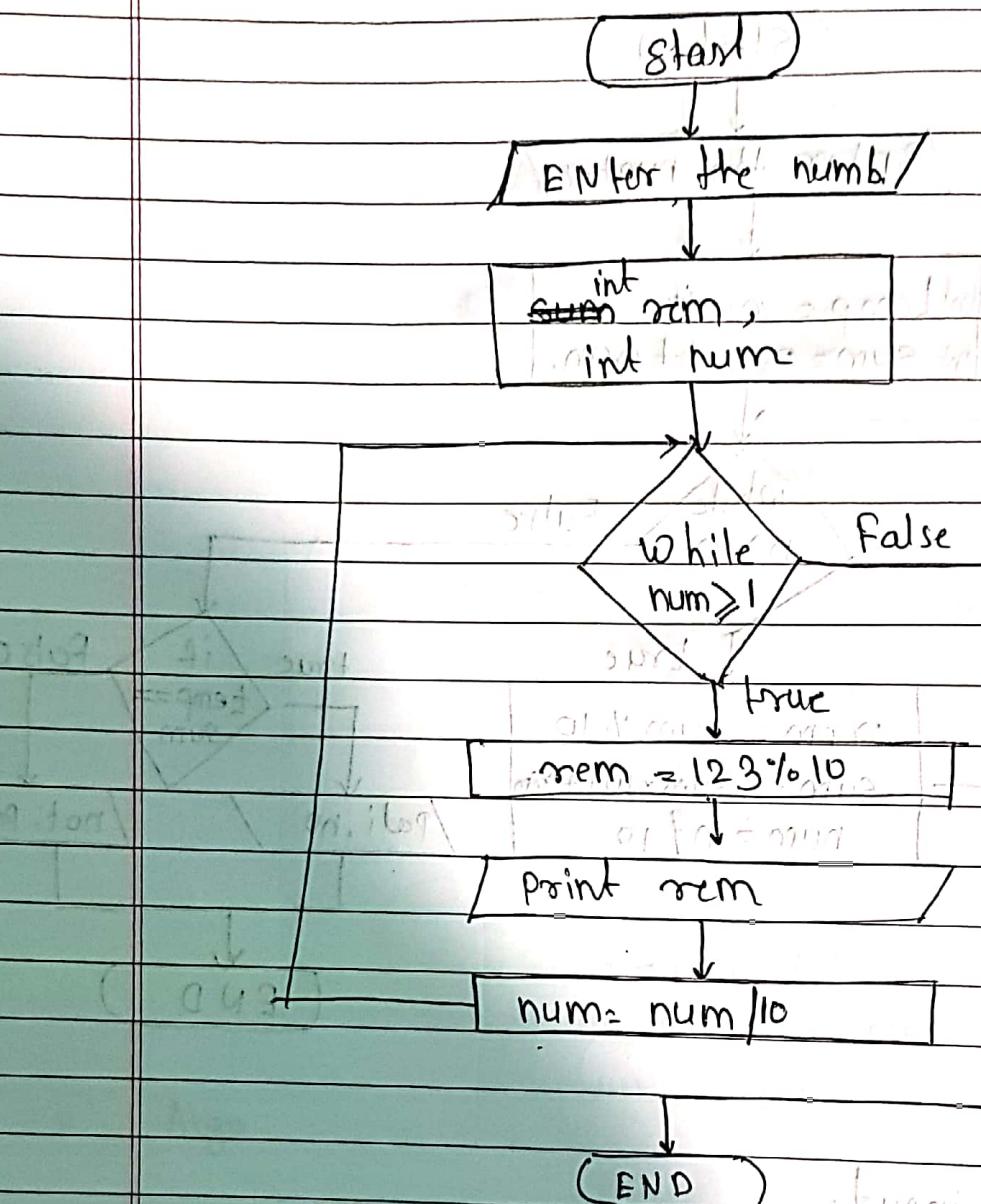
Q.11 Find the smallest of three.



Algo.

- i) Read the input.
- ii) Define a, b, c value
- iii) check cond<sup>n</sup> (if ( $a < b$ ),  $a < c$ ;  $b < c$ );
- iv) print the small variable.
- v) END

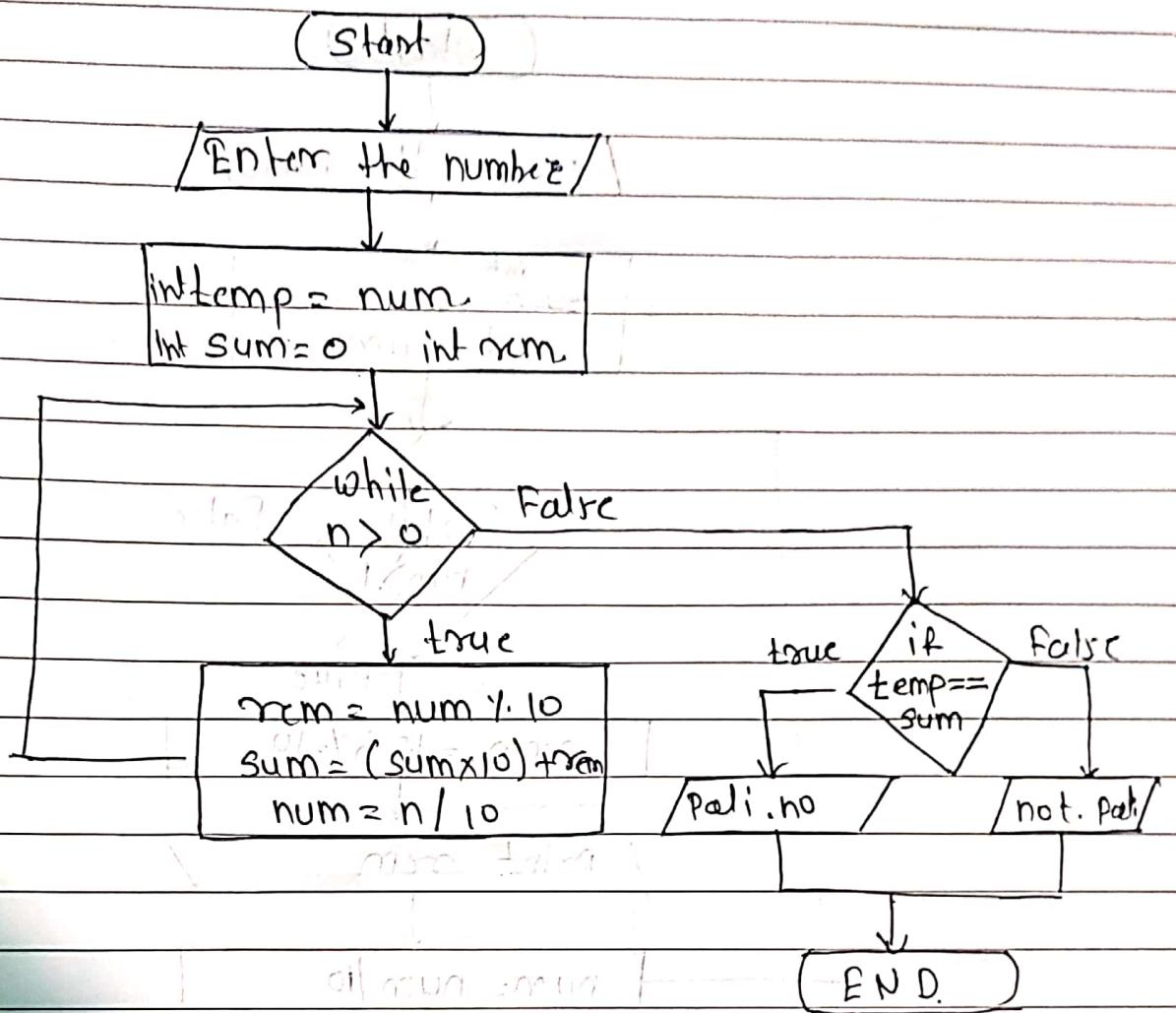
Q.13 Reverse the given number



Algo

- i) Read the number
- ii) Define sum
- iii) check while num >= 1
- iv) calcu sum = num % 10
- v) point the sum
- vi) cal num = num / 10
- vii) END

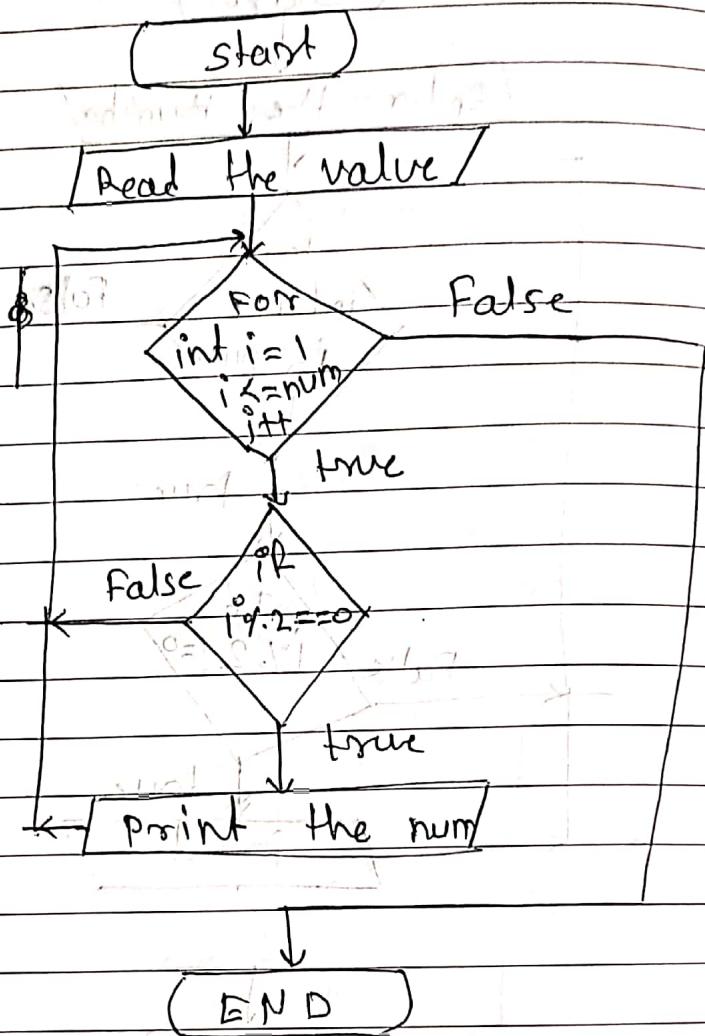
Q.17 palindrom or not



# Algo:-

- 1) Read the input.
- 2) Define temp = num, rem, sum = 0
- 3) check  $n > 0$
- 4) calculate  $rem = num \% 10$ ;  $sum = (sum * 10) + rem$ ;  $n / 10$
- 5) check ( $temp == sum$ )
- 6) print ~~Print~~ the result

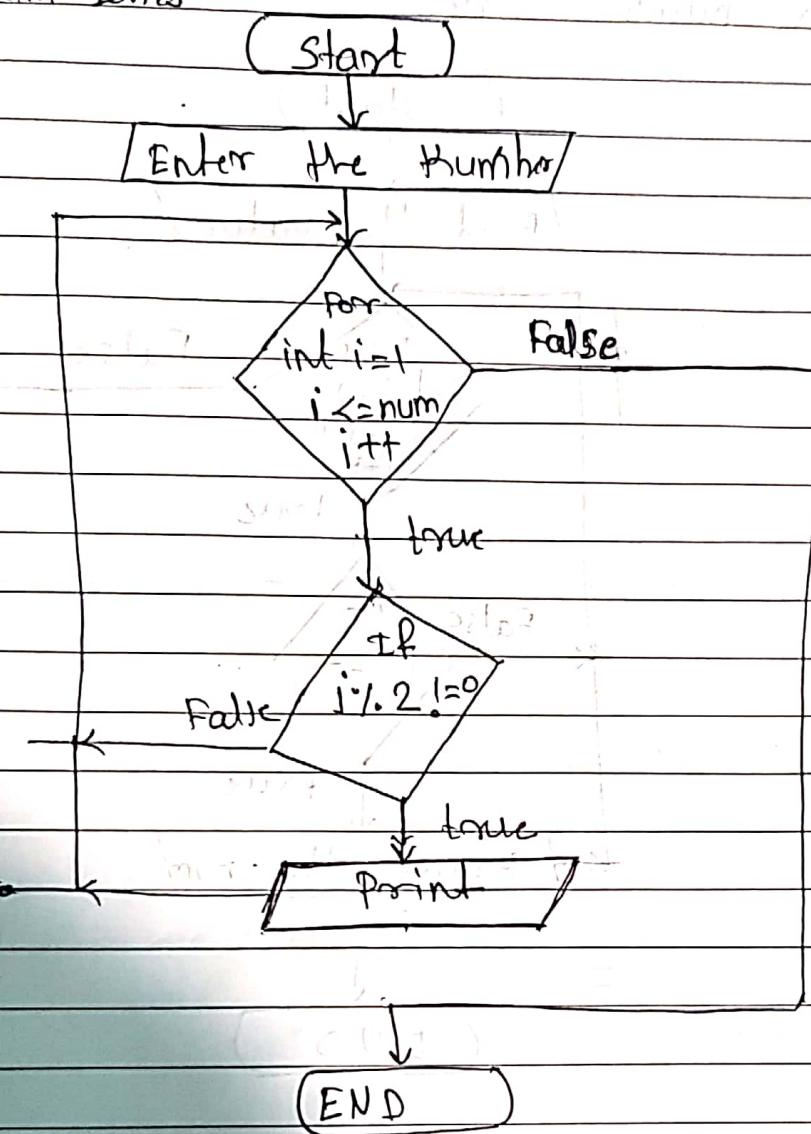
Q.1g Even numb series



# Algo

- 1) Read the value
- 2) Define num
- 3) check  $i=1; i \leq num; i++$  if
- 4) check if  $i \% 2 == 0$ ; if true
- 5) print the num.

Q.20 odd num series



# Algo

- i) Read the number
- ii) Define num
- iii) check int i=1 ; i<=num ; i++
- iv) check if i%2!=0;
- v) print the value.