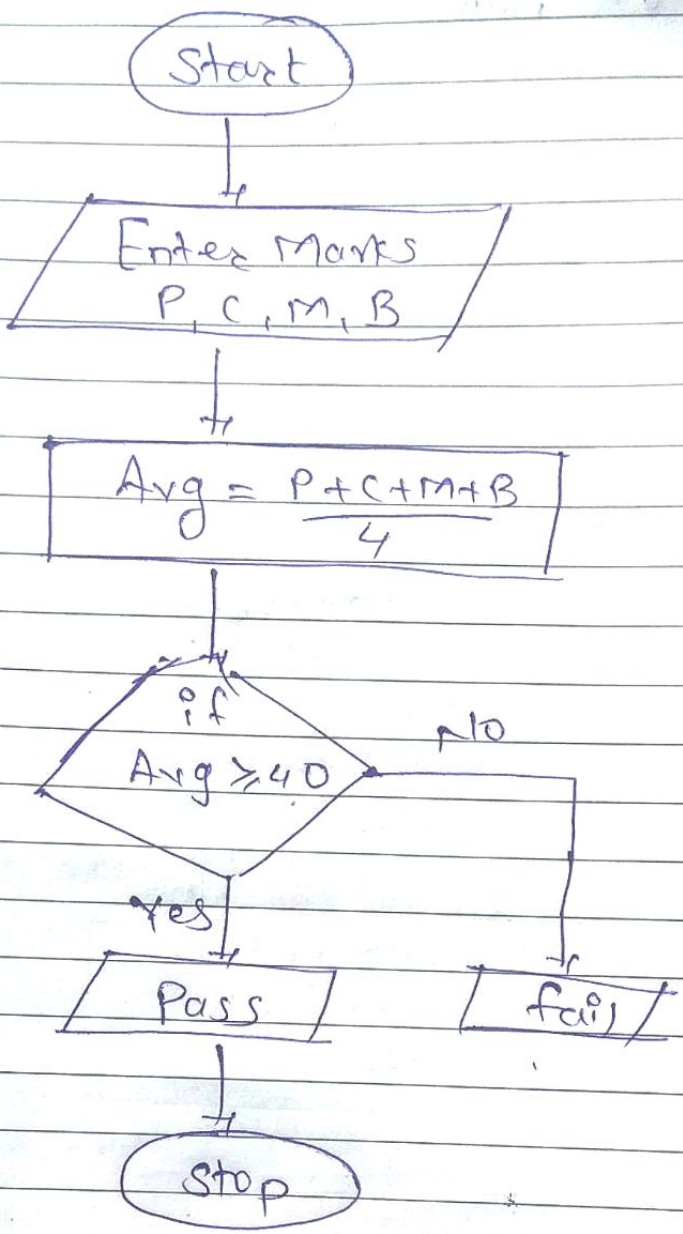
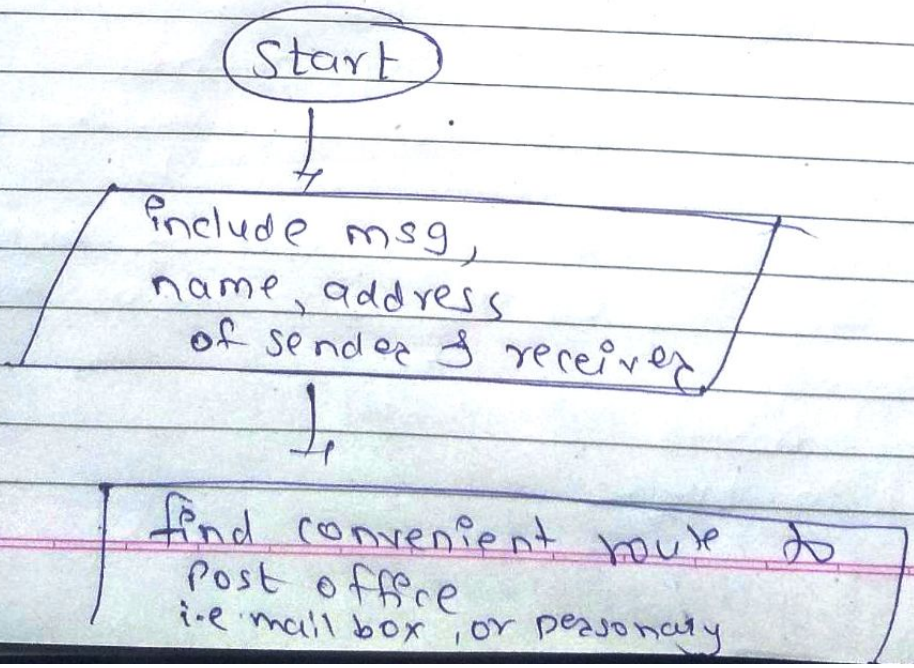
H.W

1>


Start
Enter Marks
P, C, M, B
Avg = P+C+M+B / 4
if
Avg ≥ 40
No
Yes
Pass
fail
Stop

2>


Start
include msg,
name, address
of sender & receiver
find convenient route to
Post office
i.e mail box, or personaly

take stamped & drop it in letter box

stop

3)

start

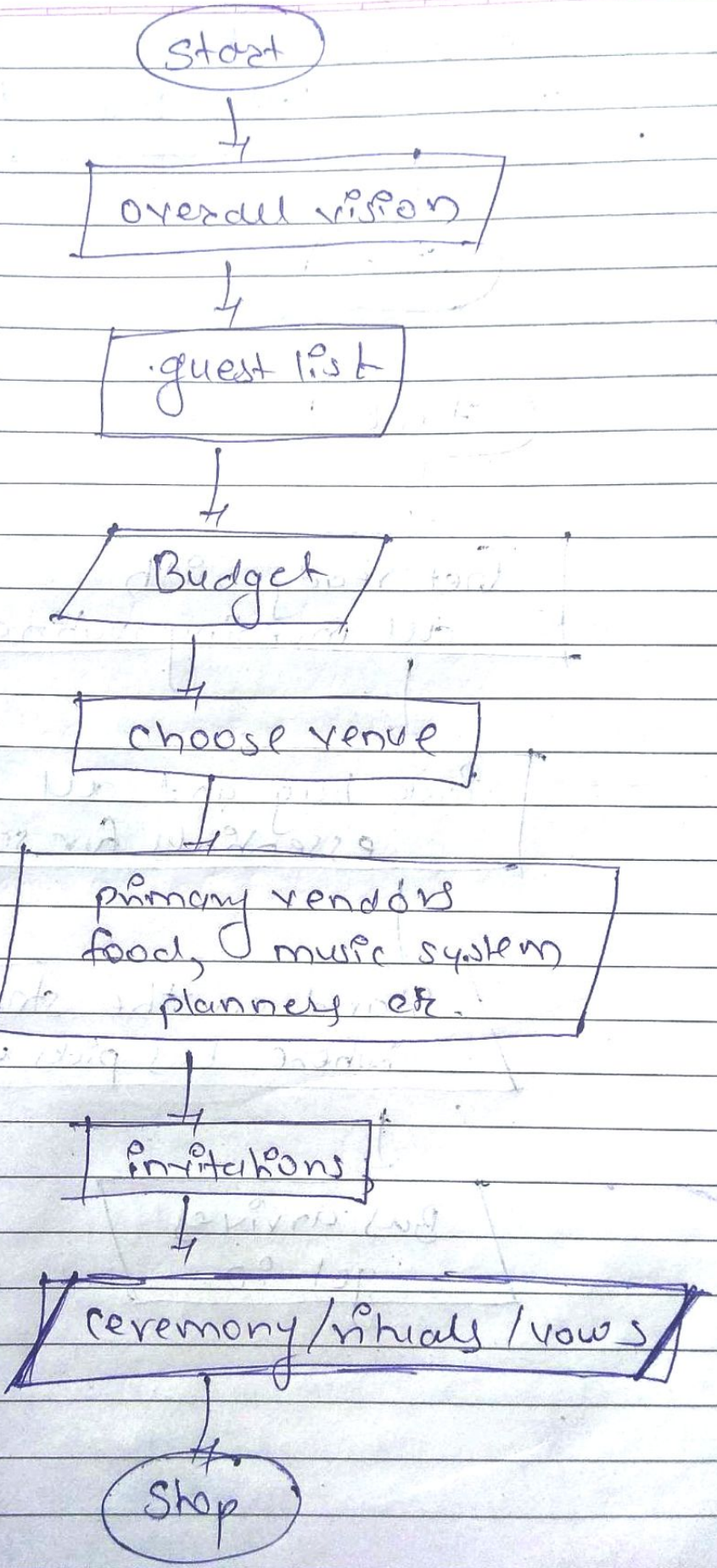
Get ready with all morning routine

Pack bag and all essentials for school

Stand on the stop where bus picks up

Bus arrives get in

(4)


Start
overall vision
guest list
Budget
choose venue
primary vendors
food, music system
planner etc.
invitations
ceremony/rituals/vows
Stop

Algorithms

1) check the given no. is EVEN or ODD

~~Algorithm~~

Set Step 1) Enter the number
2) if the number is multiple of 2, 4, 6, 8 ... then it is a even
3) if the number in the series of 1, 3, 5, 7 ... then it is odd num.

2) To find factorial of given number

Algorithms :-

1) Enter the number from 1 to 5.
2) take the multiplication of this number.
3) 1 x 2 x 3 x 4 x 5 = 120
4) The factorial of this number is 120.

3) swap to numbers without using third variable approach.

1) declear two positive numbers
2) read two numbers from keyboard
3) first number = 20, second number = 30.
4) swap the numbers.
5) first number = 30, second number = 20.

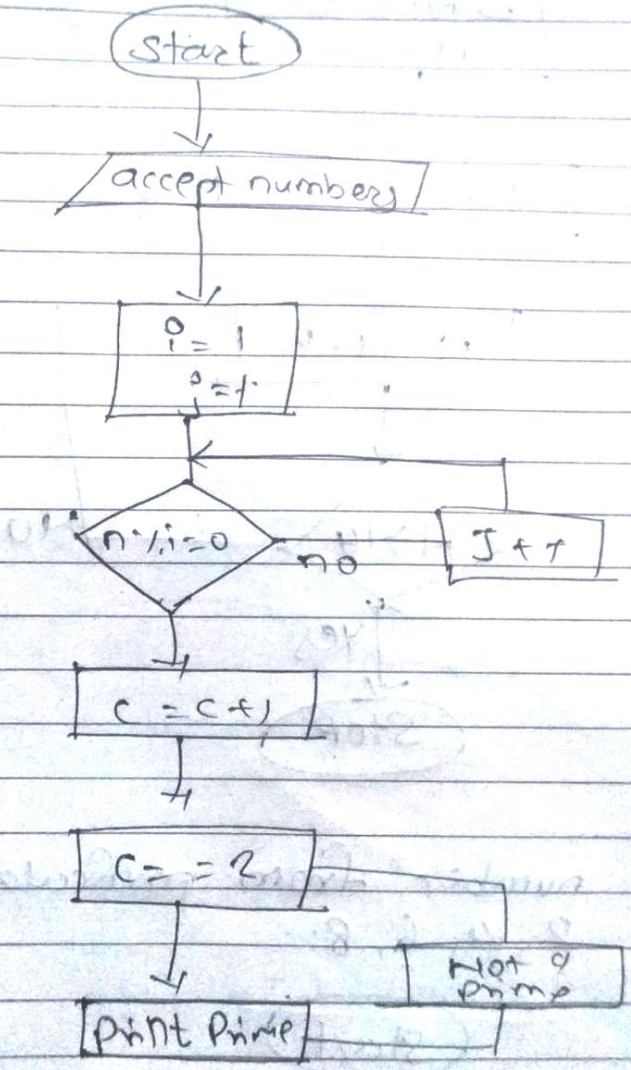
4) How to check the given number is positive or negative in java

1) enter a numb
2) if the number is greater than 0 then it is a positive number
3) if the number is less than 0 then it is a negative number

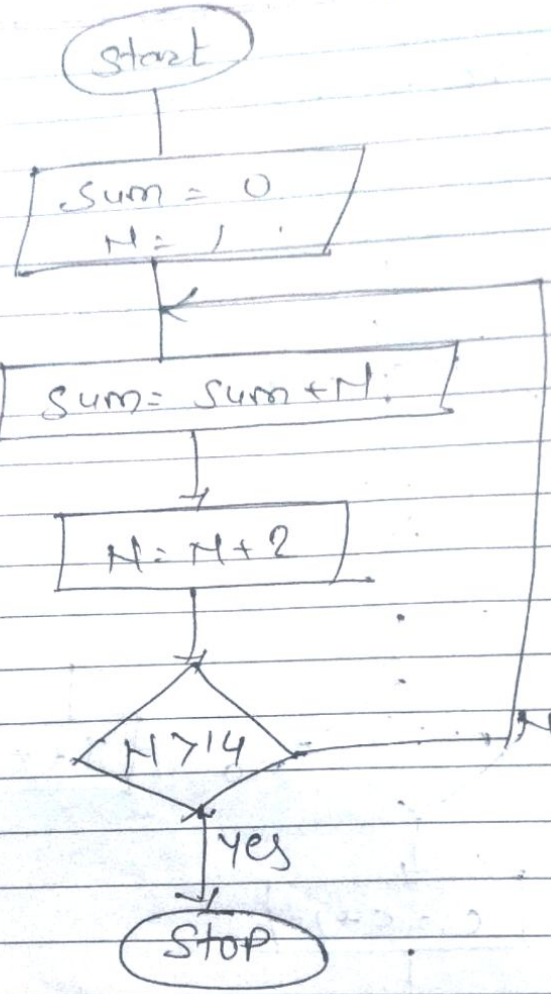
5) find the factorial using recursion.

1) Enter the positive integer n
2) if n is equal to 1 (i.e n==1) return 1
3) else return n * factorial (n-1)

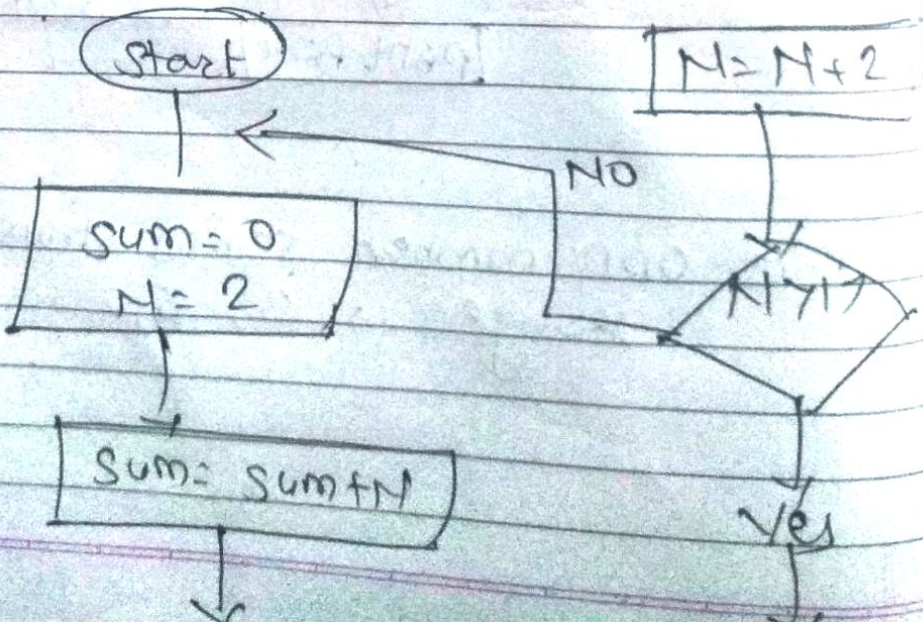
Q Print all the prime factors of the given number.



Q Print odd number series from particular range 1, 3, 5, ...



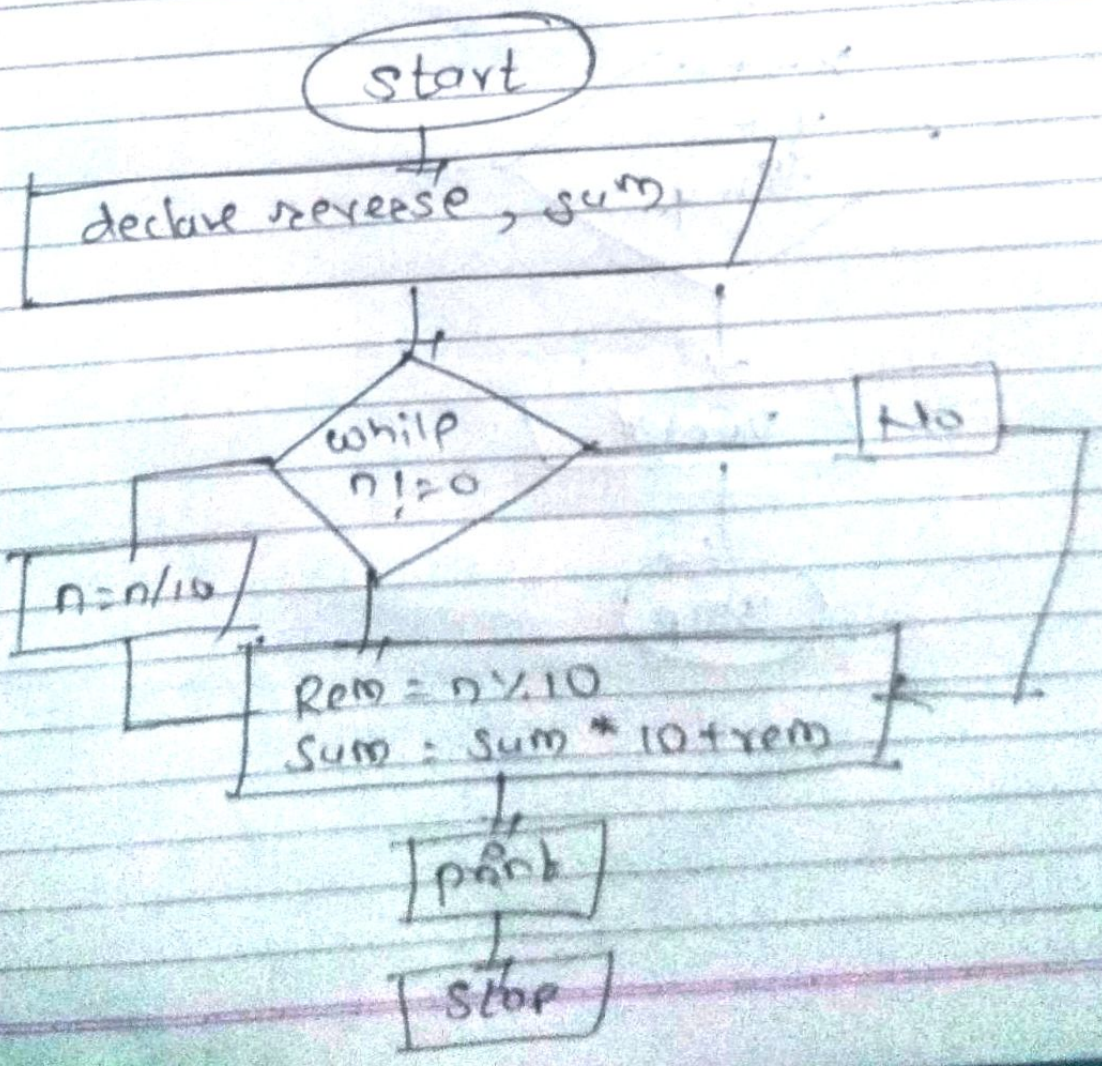
Q Print number from particular range
2, 4, 6, 8...



Q to reverse a number, given

Algo :-

1) start
2) accept no. (n)
3) sum = 0
4) rem = num % 10
   sum = (sum * 10) + rem
   num = num / 10
5) if (num > 10) then
   goto step 4
   or
6) Display reversed no
   i.e sum.
7) stop

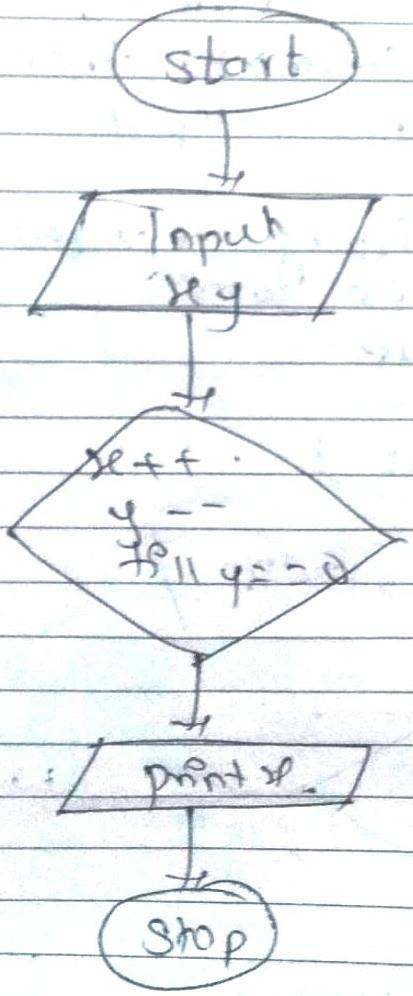


Q add two numbers using the arithmetic operations

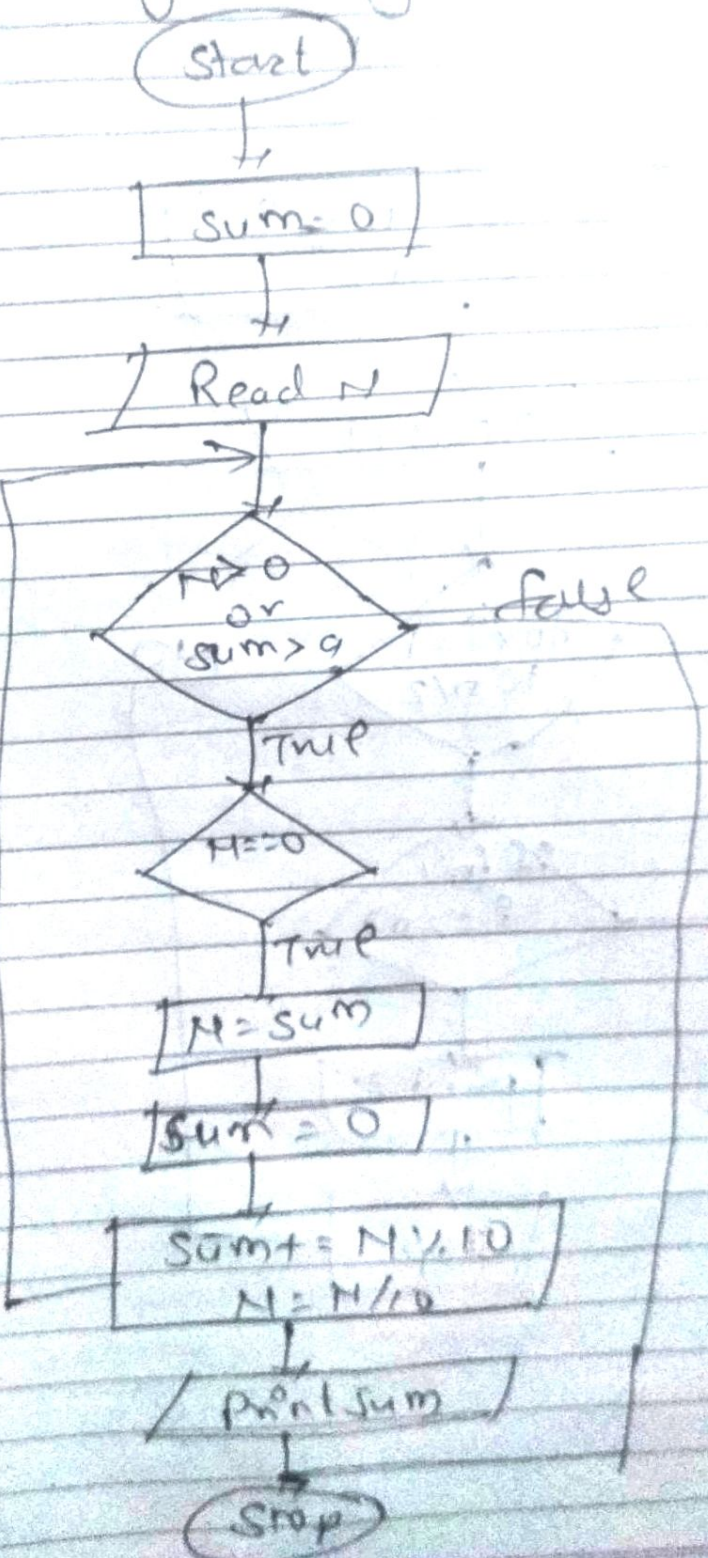
Algo

1) x++ ; y-- ;

2) Repeat , until y becomes 0

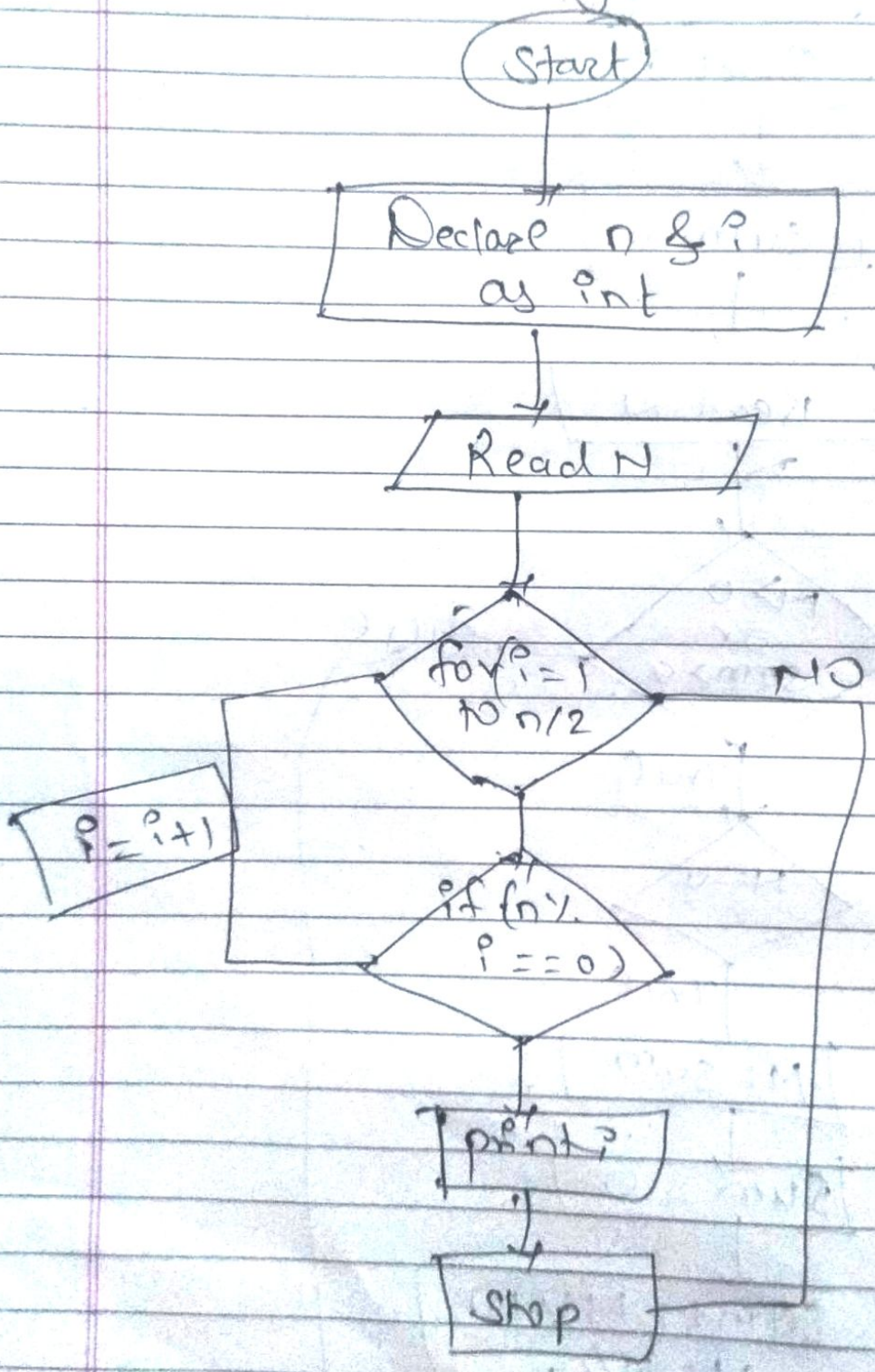


8 Sum of digits of given number



Page No
Date

8 Print factors of given number



8 digits of given number