

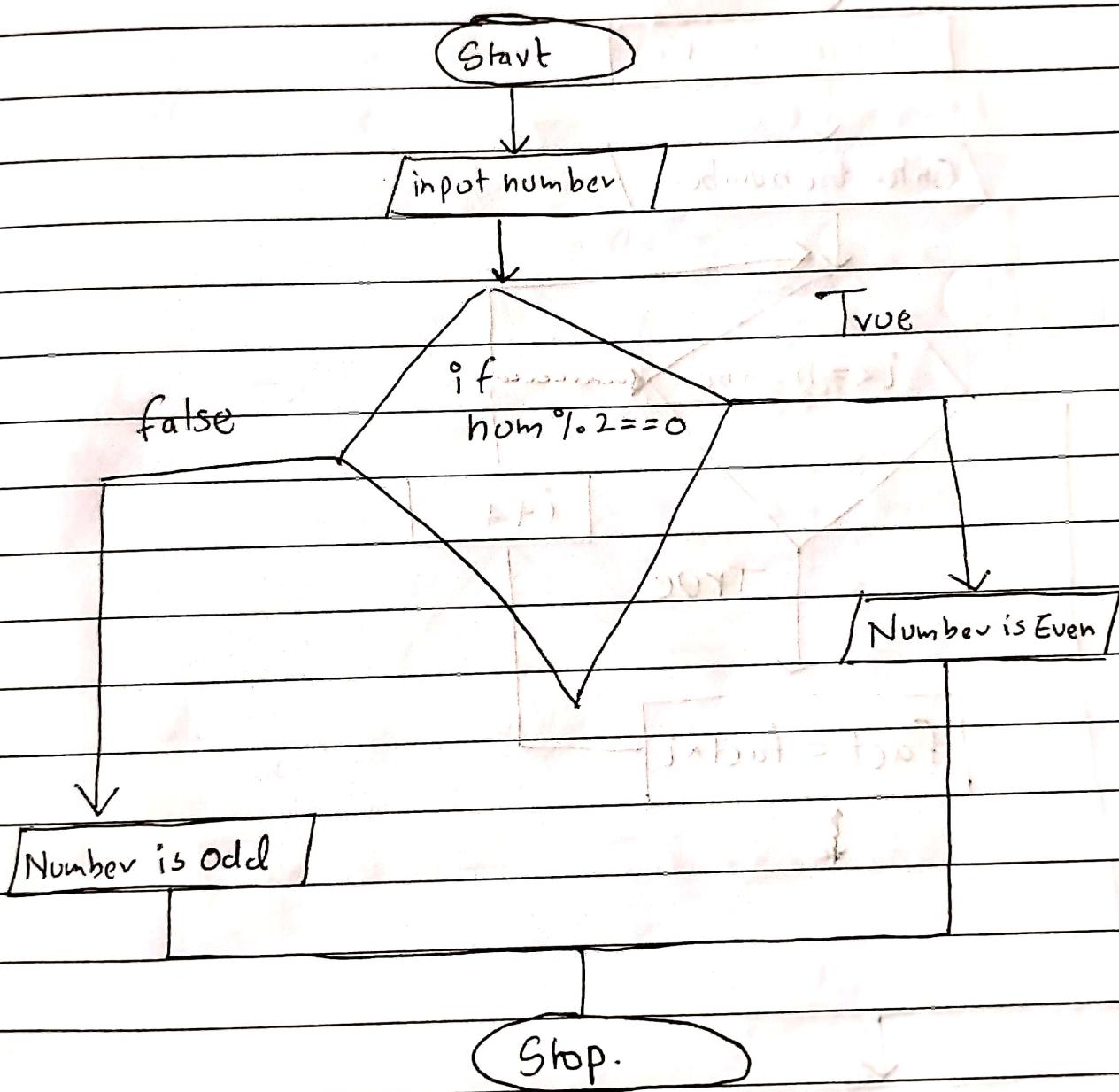
ASSIGNMENT-1

Date / /
Page

RANKA

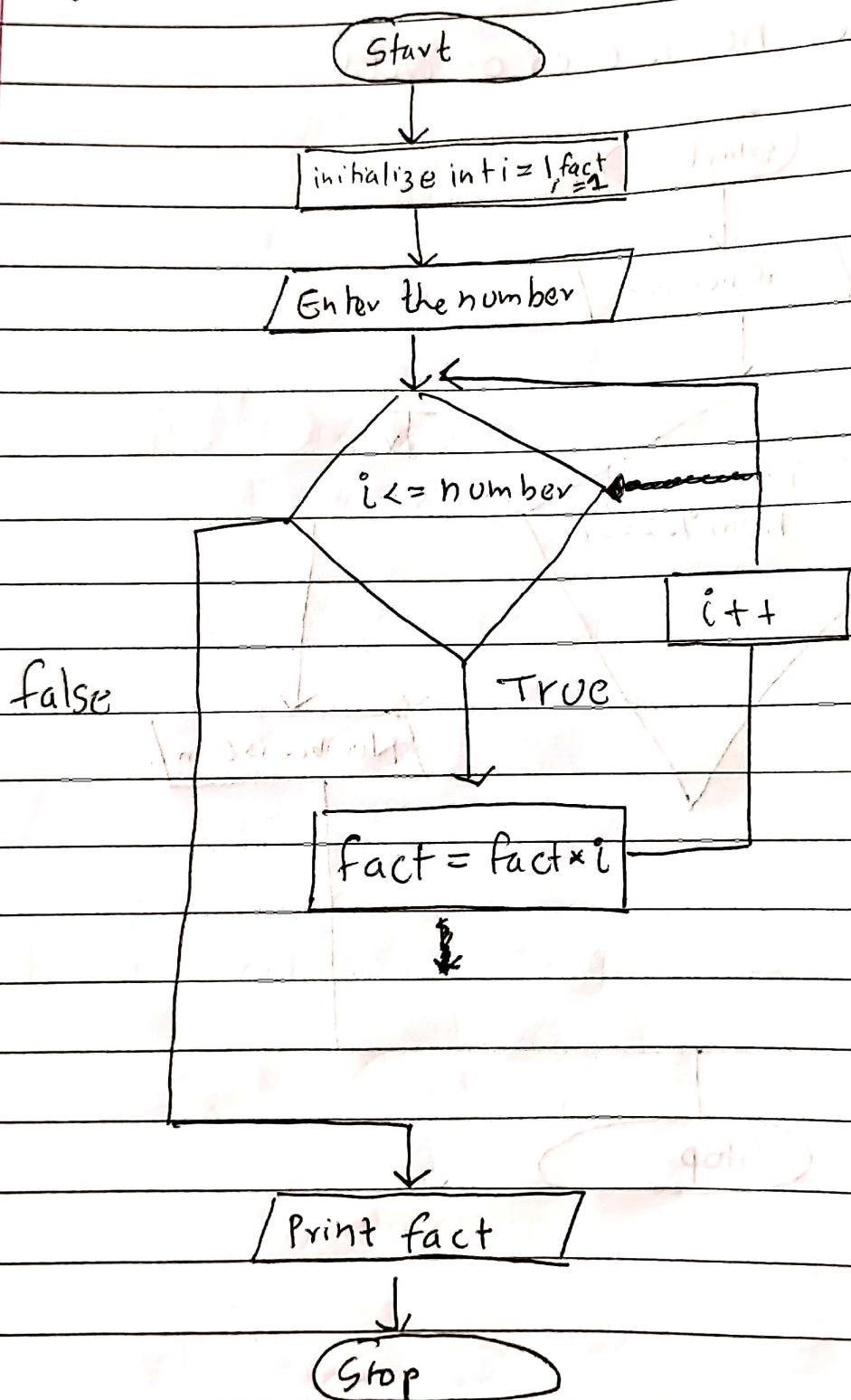
flow chart

- 1) Check if the given no is even or odd

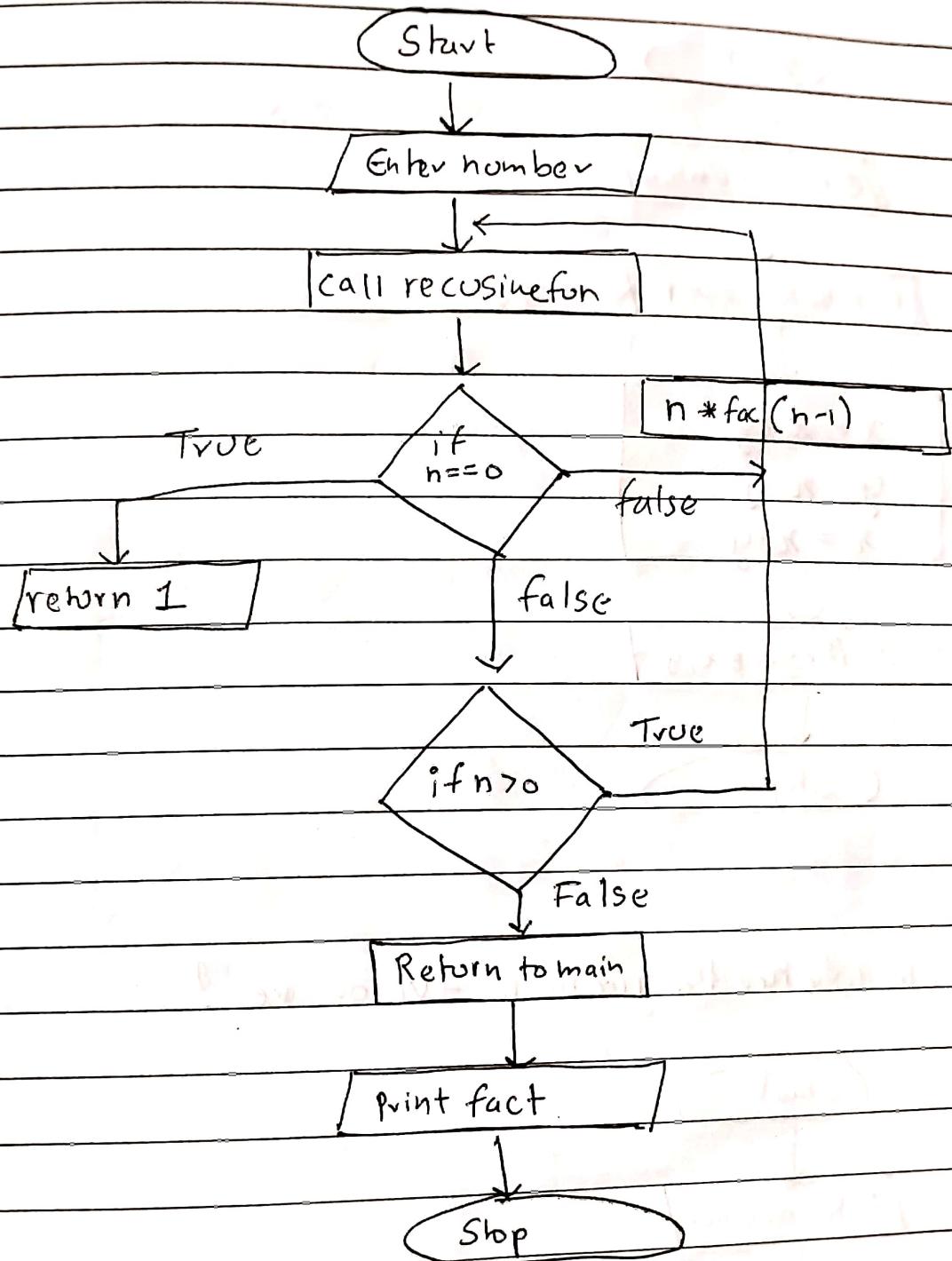




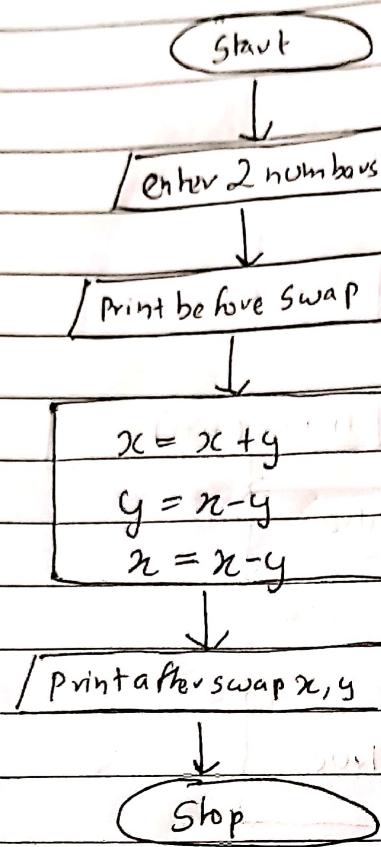
2) Write a java program to find the factorial of a given no :-



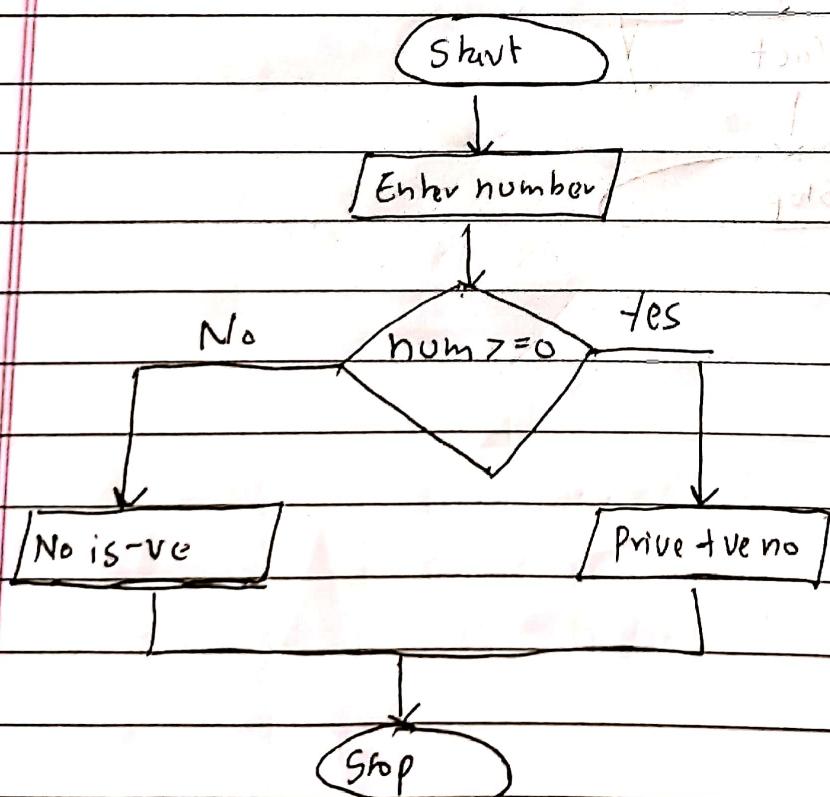
3) find the factorial of a number using Recusion.



4) Swap two number without using the third variable

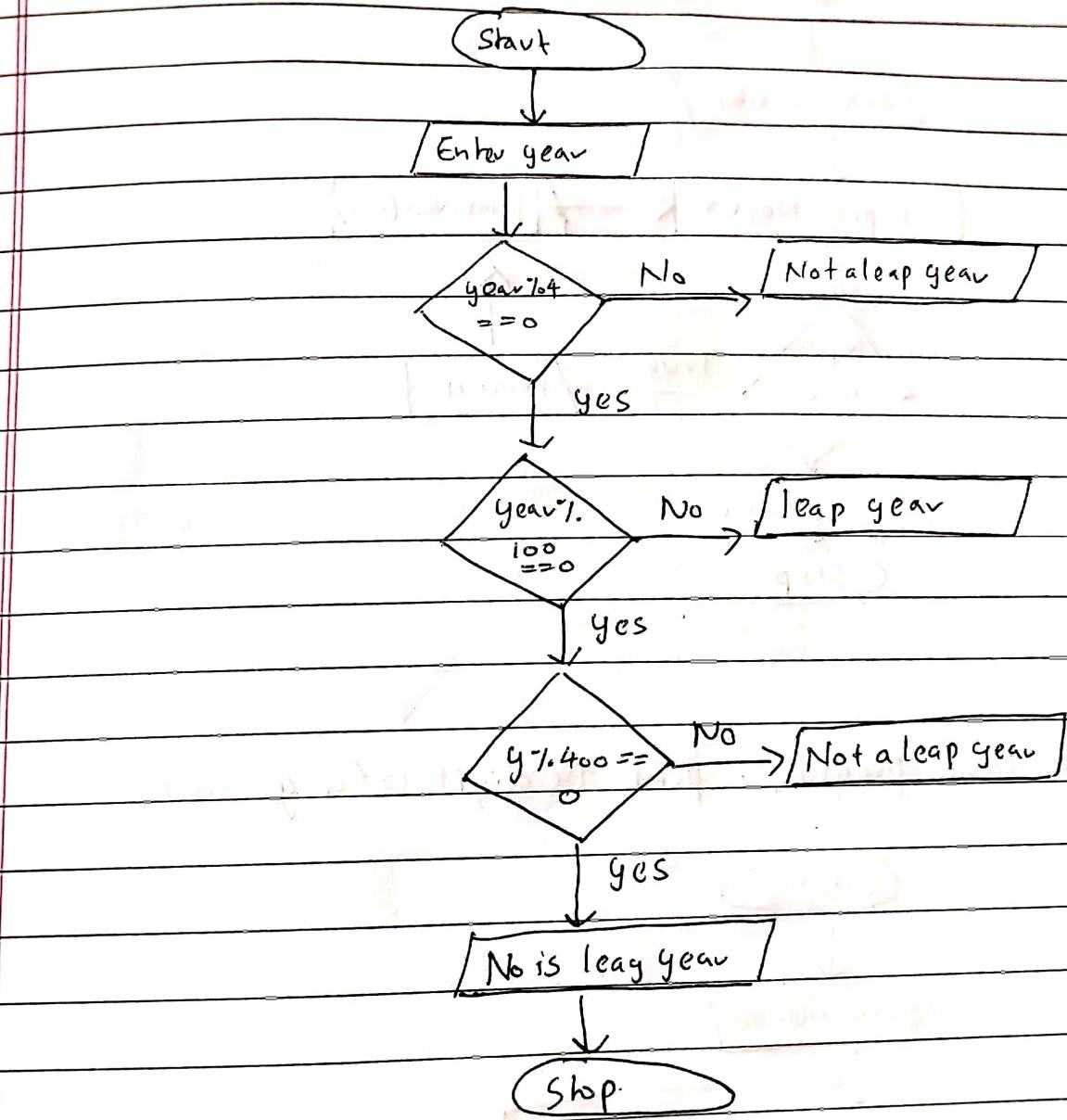


5) How to check whether the given no is +ve or -ve ?

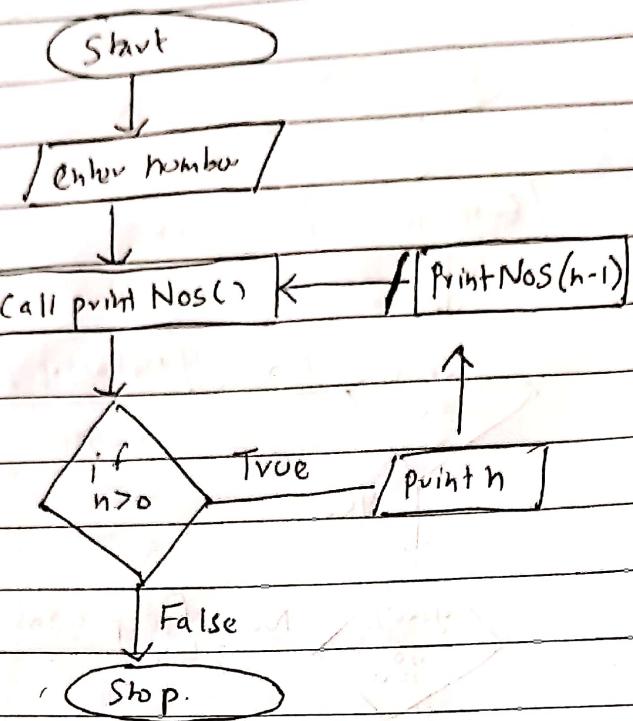


6) Write a Java program to find whether a given no is leap year or Not?

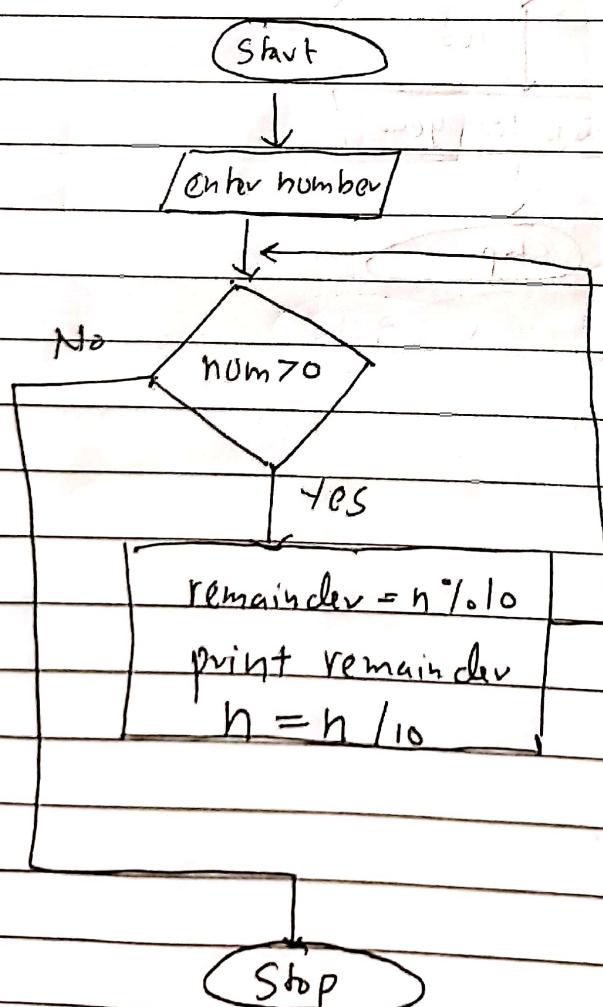
Date / /
Page



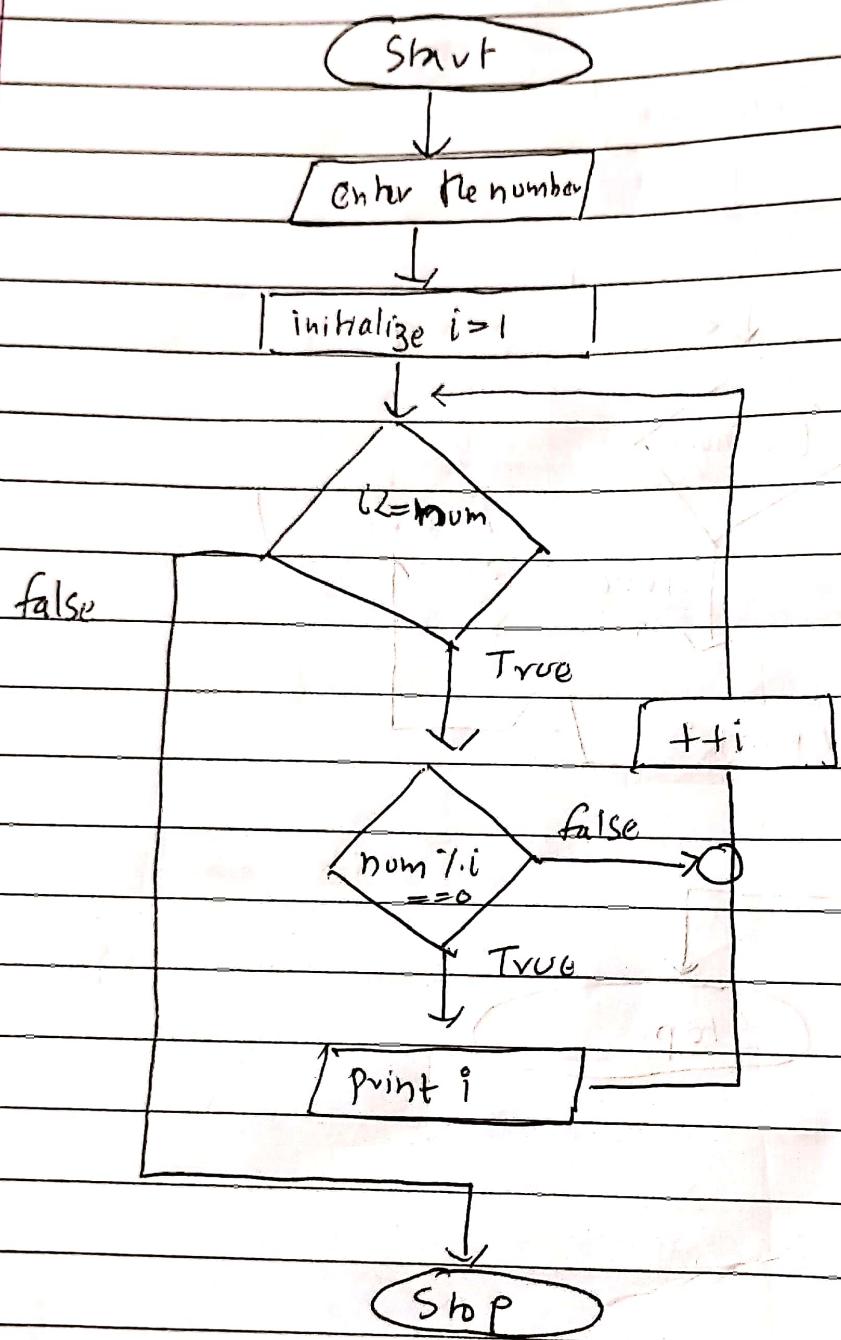
7) write a program to print 1 to 10 without loop



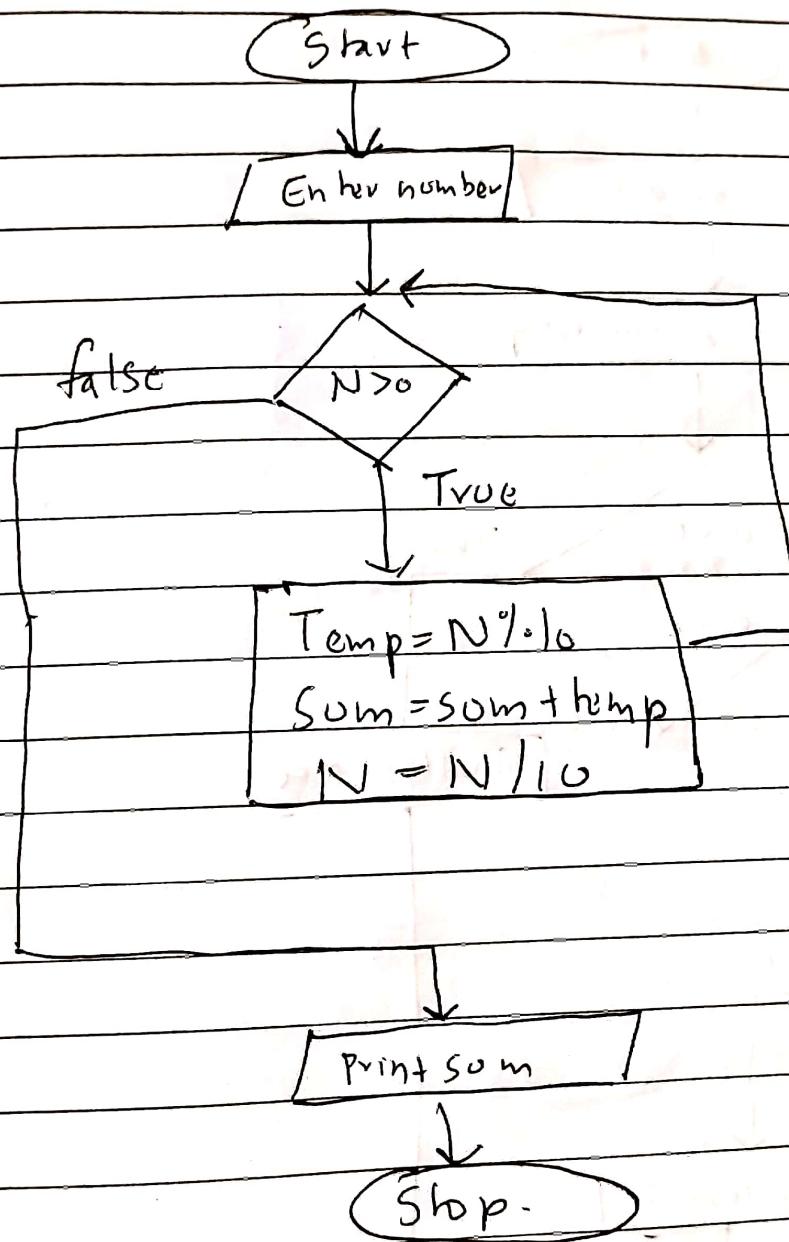
8) Write a Java program to print the digits of a given no



q) write a Java program to print all the factors of the given no.

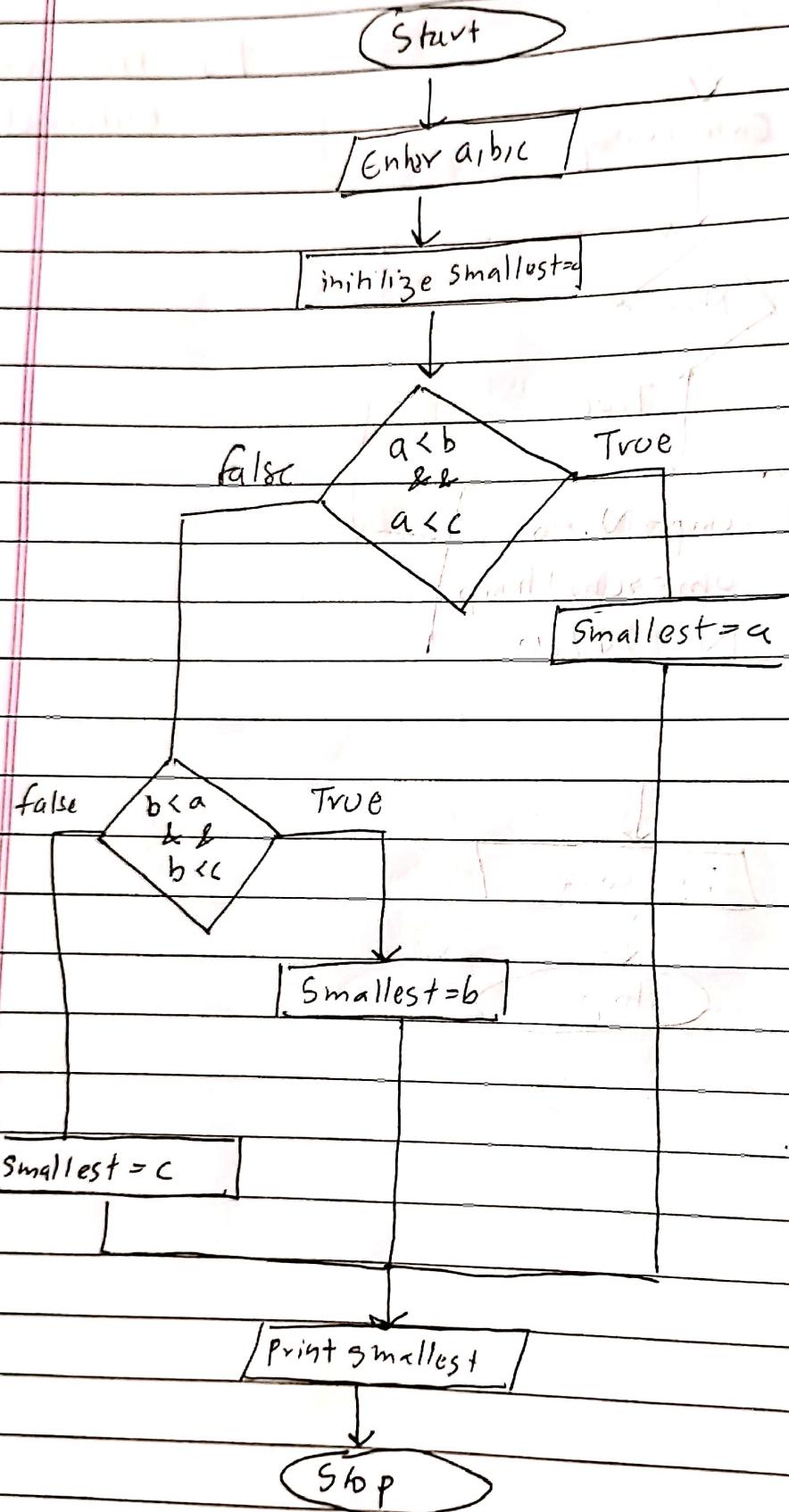


10) Write a java program to find the sum of the digits of a given no:-





With a java program to find the smallest of
3 numbers a,b,c.



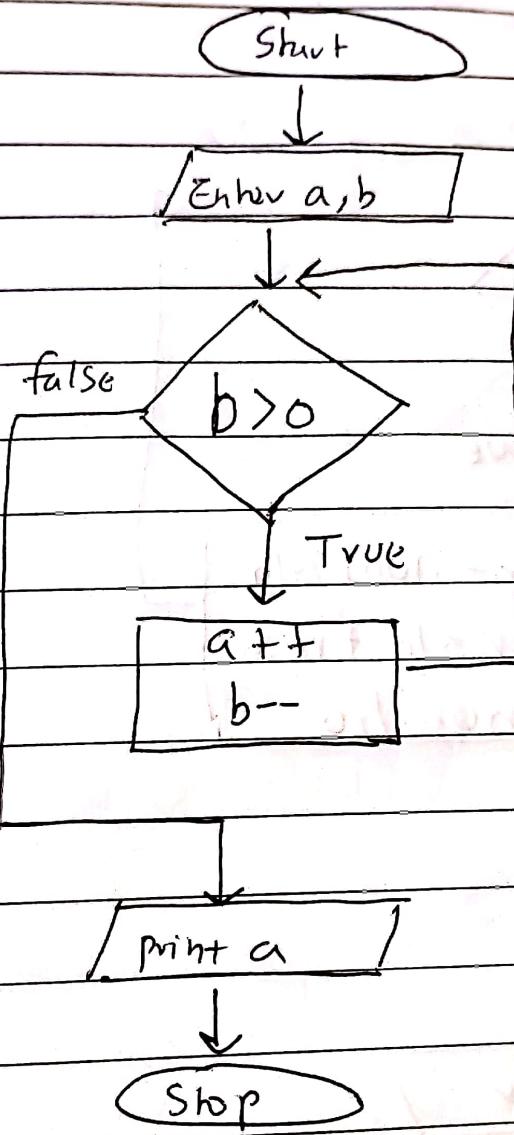
Scanned with OKEN Scanner

12)

How to add two numbers without using the arithmetic operator in java.

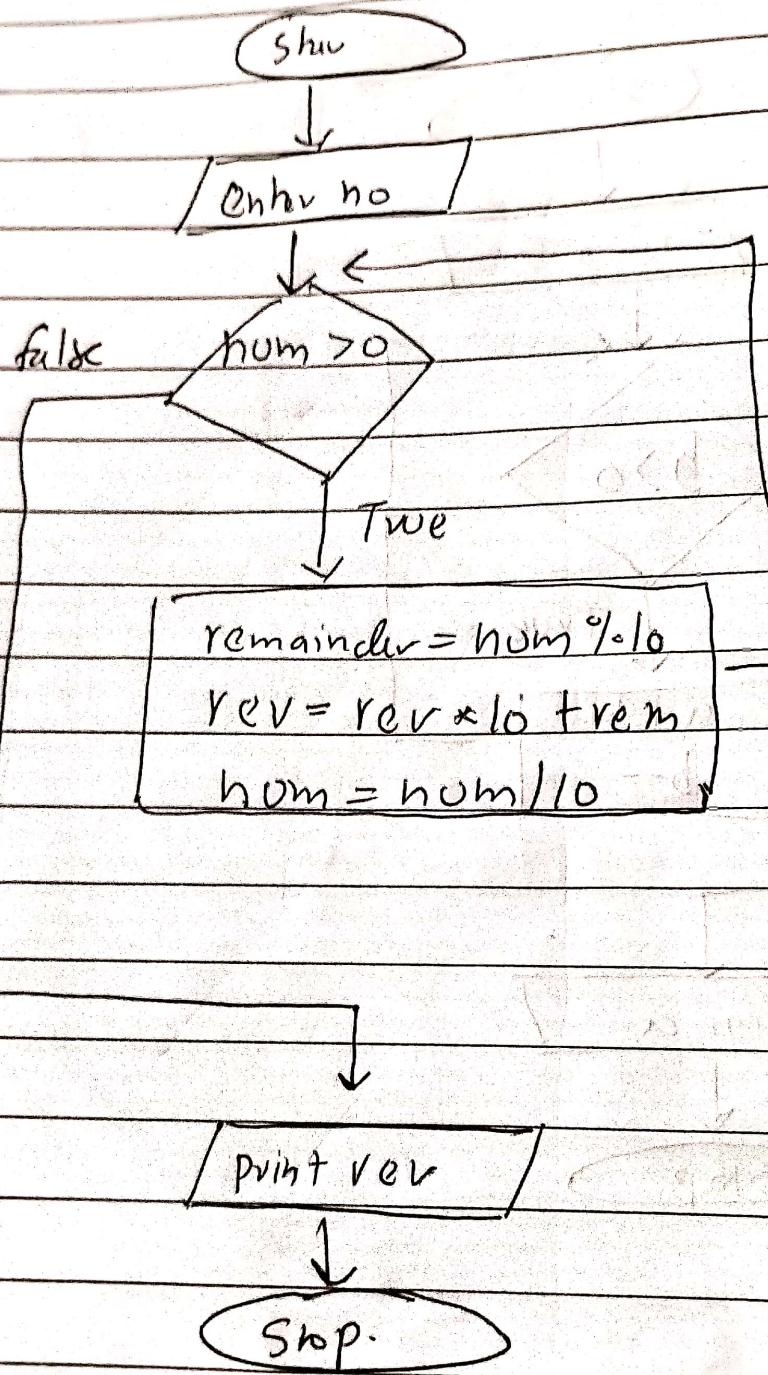
Date / /

Page



13)

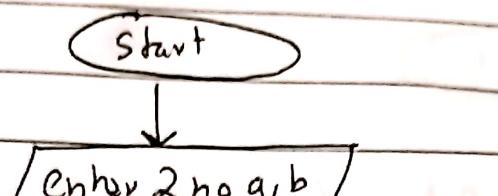
write a java program to reverse a given number



14)

Write a java program to find the GCD of 2 numbers

Date / /
Page



NO

 $i \leq a$
 $\&$
 $i \leq b$

i++

yes

 $a \% i == 0$
 $\&$
 $b \% i == 0$

gcd = i

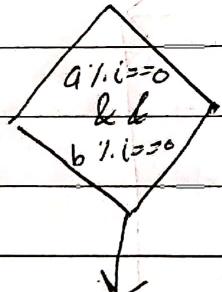
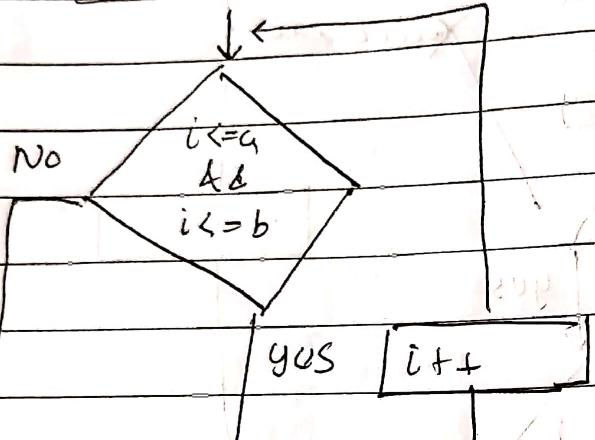
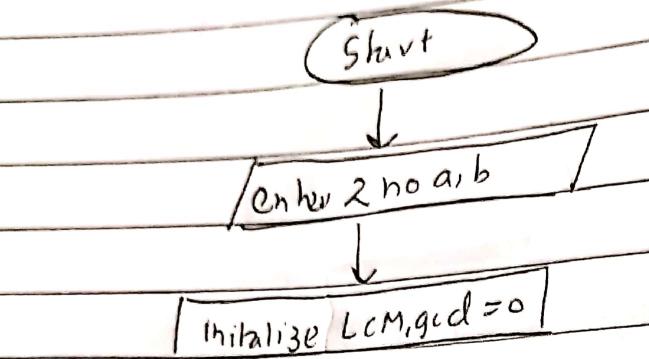
Print gcd

Stop



Scanned with OKEN Scanner

Q15) Write a java program to find LCM of 2 no



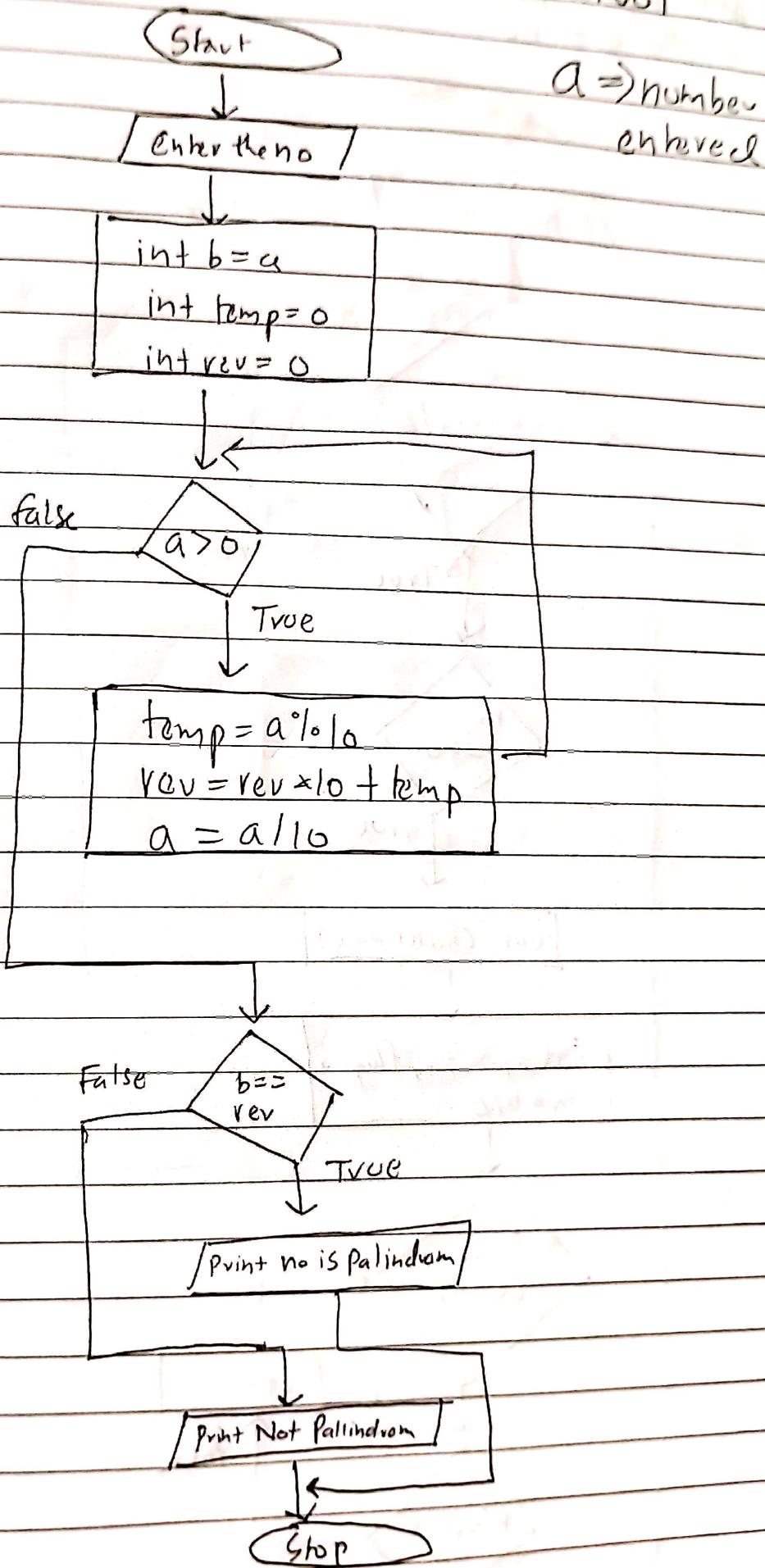
gcd = i

LCM = (a * b) / gcd

Print LCM

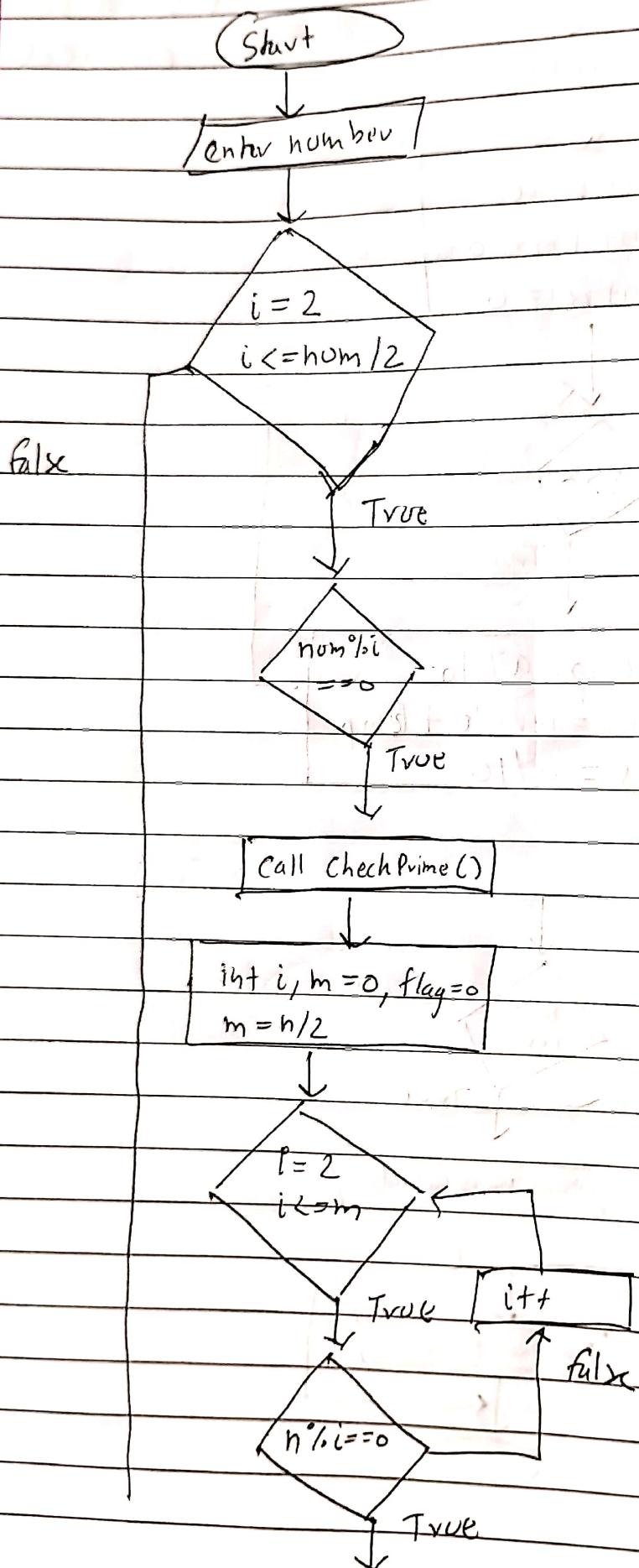
Stop

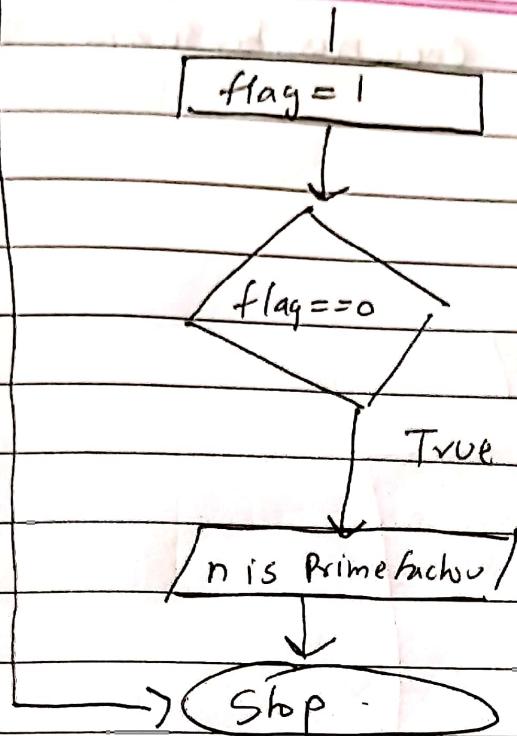
Q17) Check whether the given no is a palindrome or Not



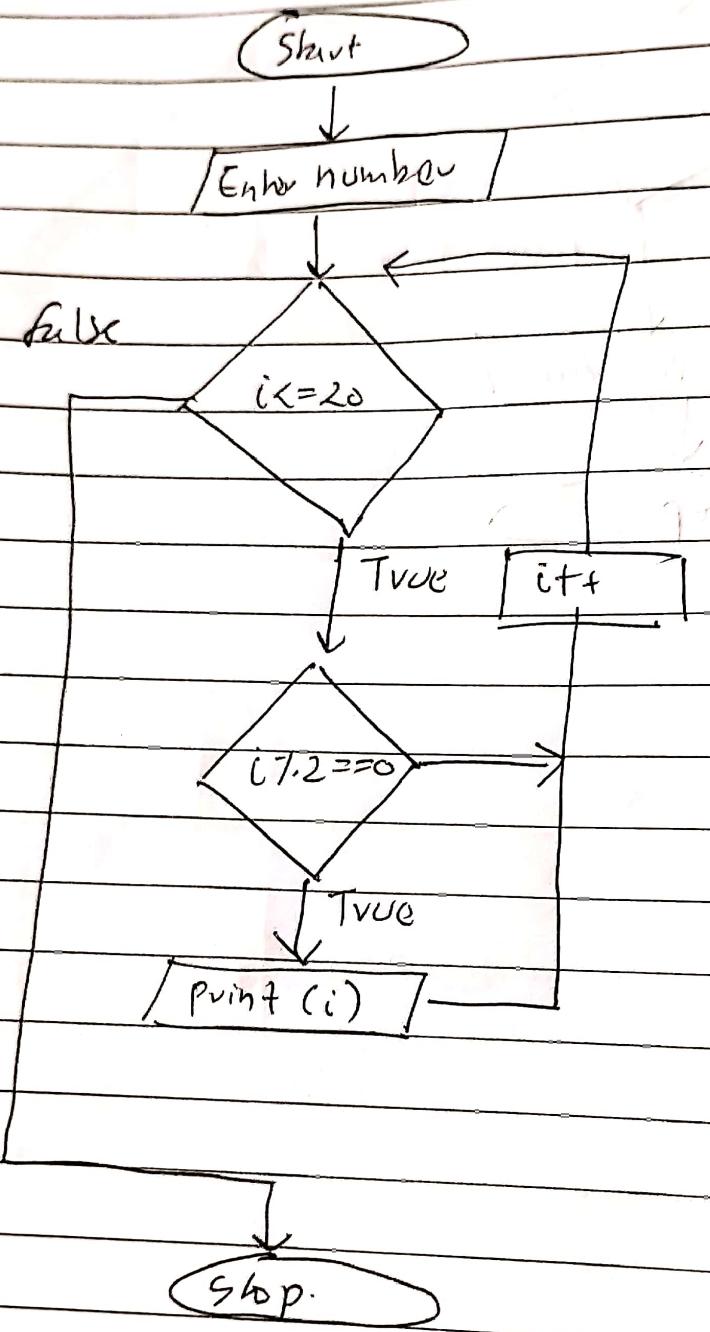
18 Q) Write a Java program to print all the prime factors of the given no :-

Sol:-

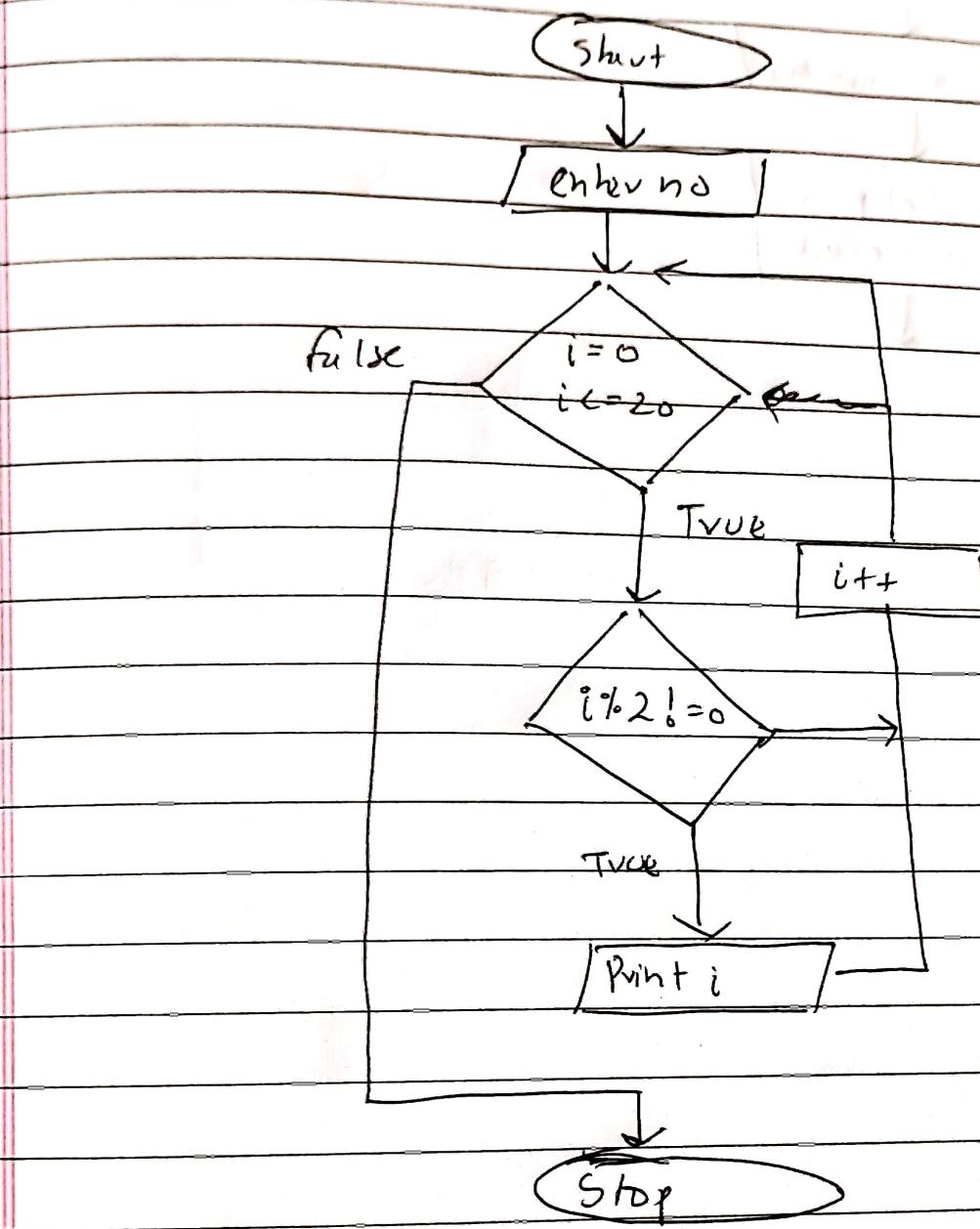




(Q19) To print the following series even numbers series
2, 4, 6, 8 ...

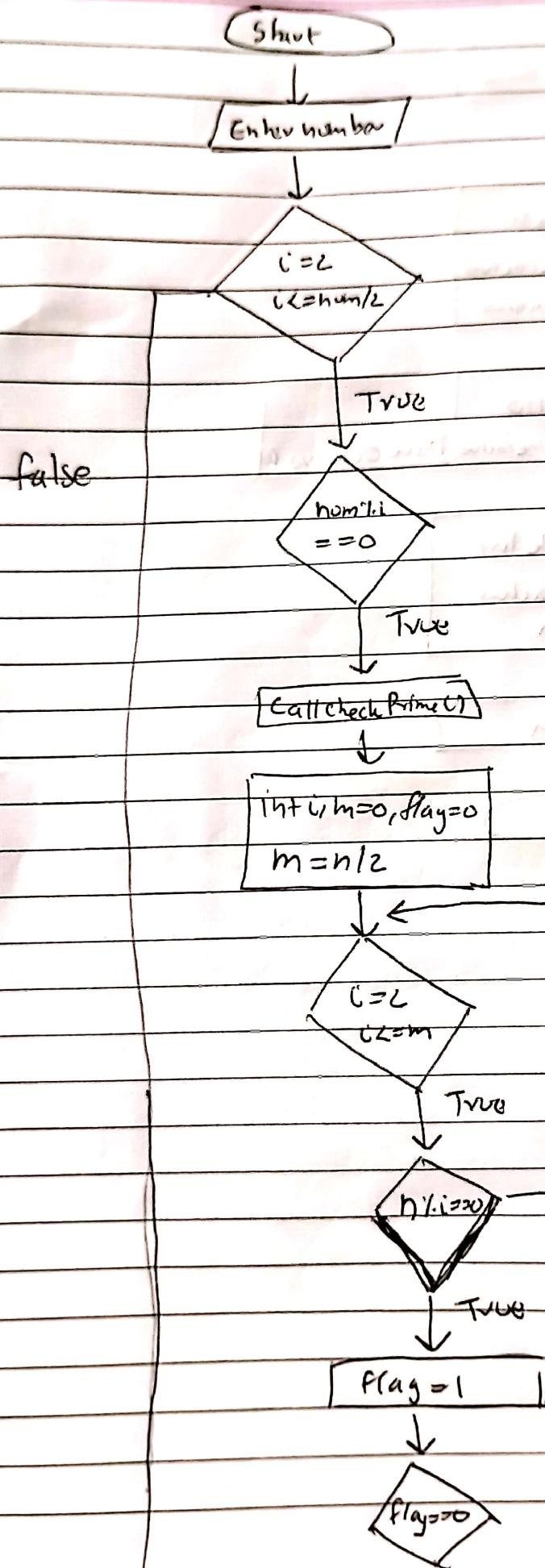


a) 20 To print the following series odd no 13 5 7 9 11 13.



16 Q1

Date / /
Page



n is Prime factor

list out all
the Prime factors
of the numbers

Count the no
of time Prime factors have occurred

Multiply the list
of Prime factors
to get LCM

Print LCM

Stop