

Q.1)

Write a java program to print the digits of given number.

Start

2) Enter the Number from user.

For: 3 ~~4~~ 5 6 7 8 9

3) $n/10 = \text{answer}$

4) $\text{Answer}++ = n$

5) Repeat print n.

6) Repeat 3, 4, 5, 6.

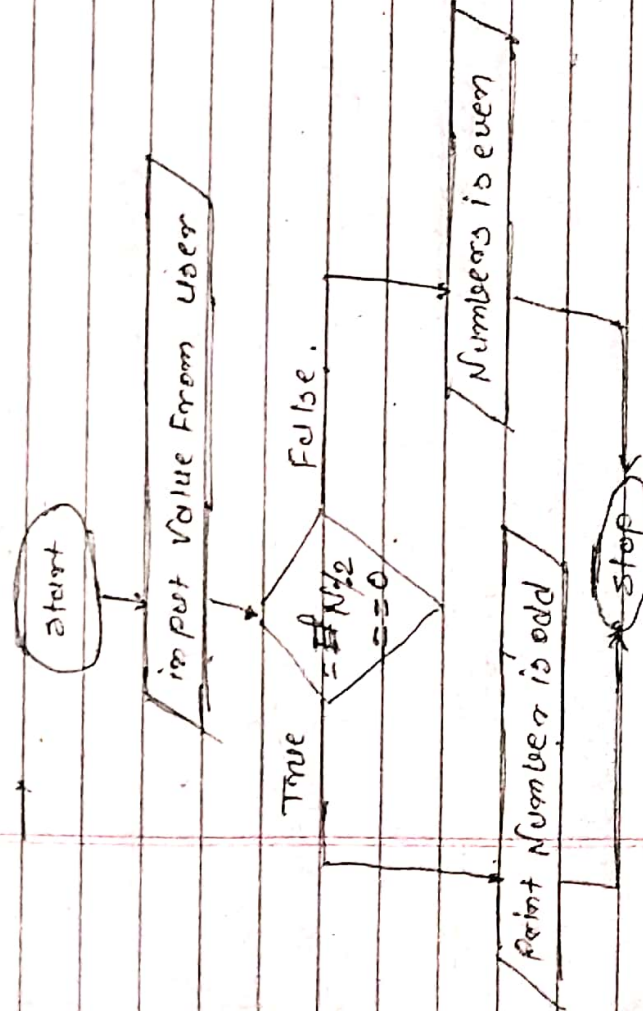
7) End.

Answer = 4

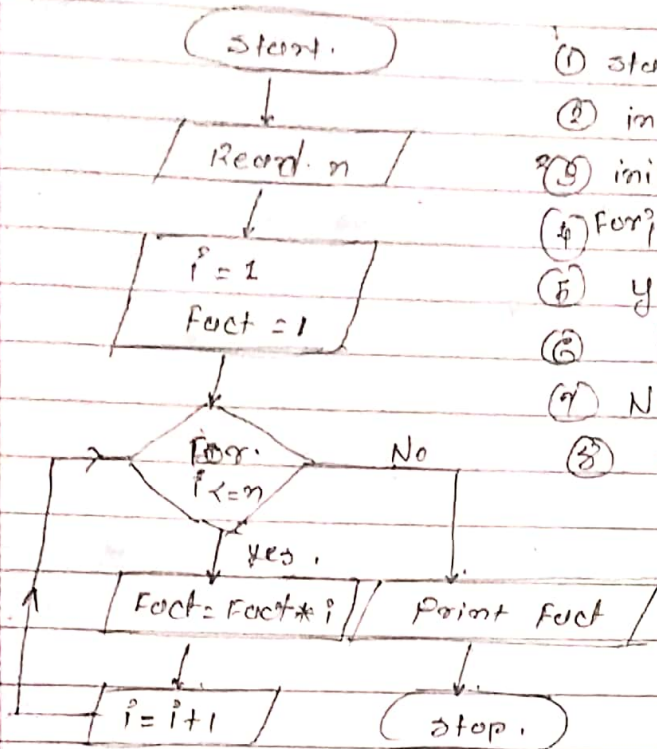
Number = n.

X X X X X

Q.1) check the number is even or odd?

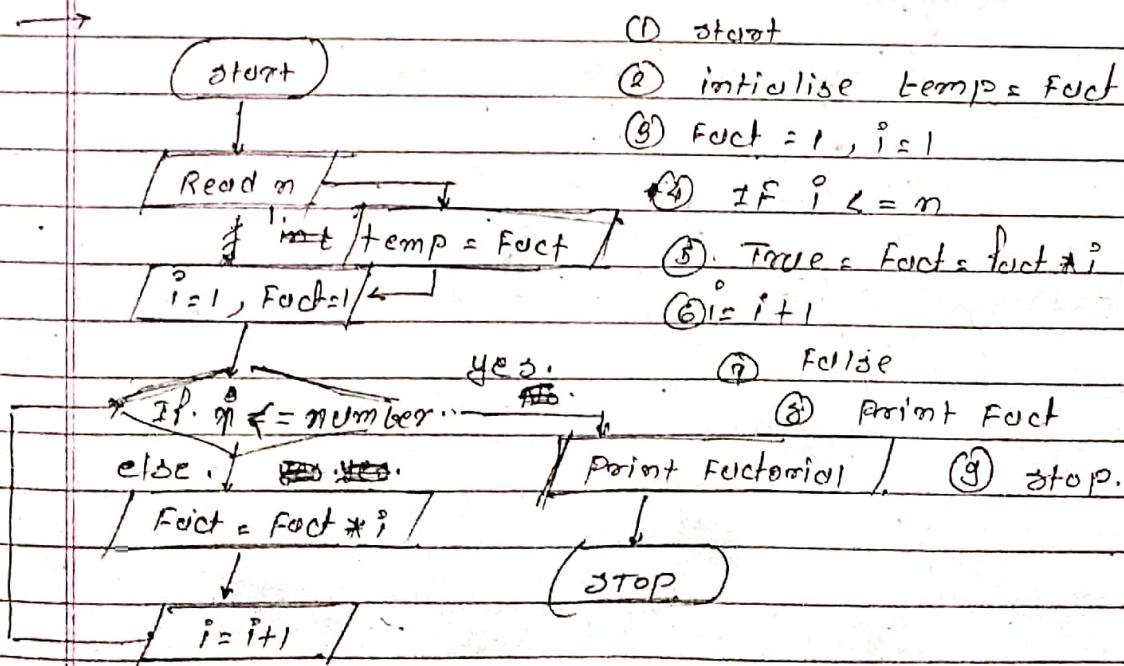


Q.2) Java program to find Factorial of given number?



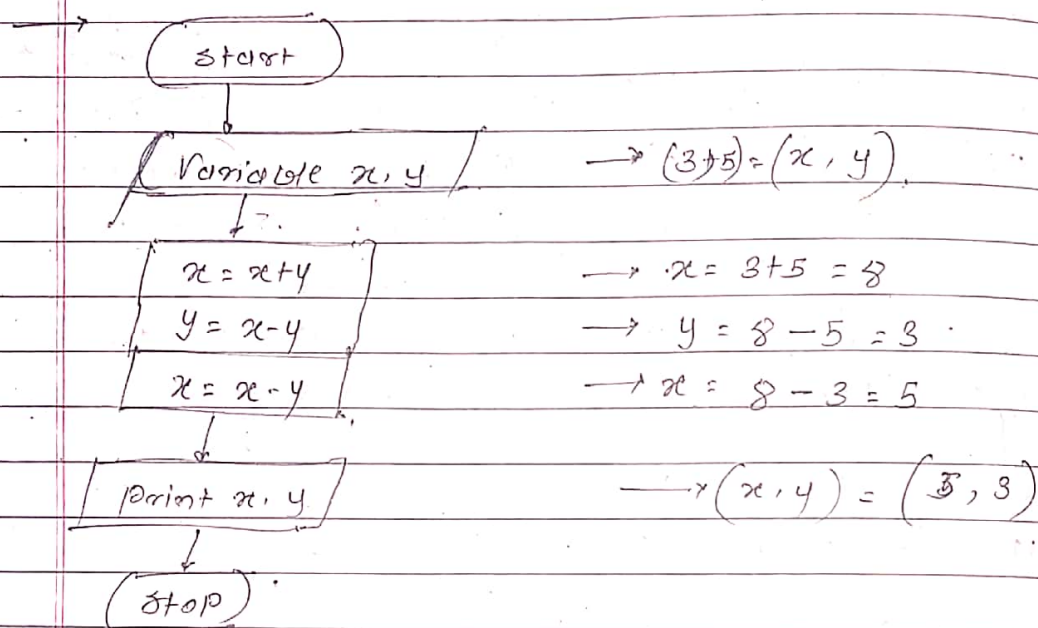
- (1) start
- (2) input number from user.
- (3) initialise $i = 1$ & $fact = 1$
- (4) For? less than = number.
- (5) Yes \rightarrow $Fact = Fact * i$
- (6) $i = i + 1$
- (7) No \rightarrow print Factorial
- (8) stop.

Q.3) what is Factorial. Find Factorial of Number using recursion?

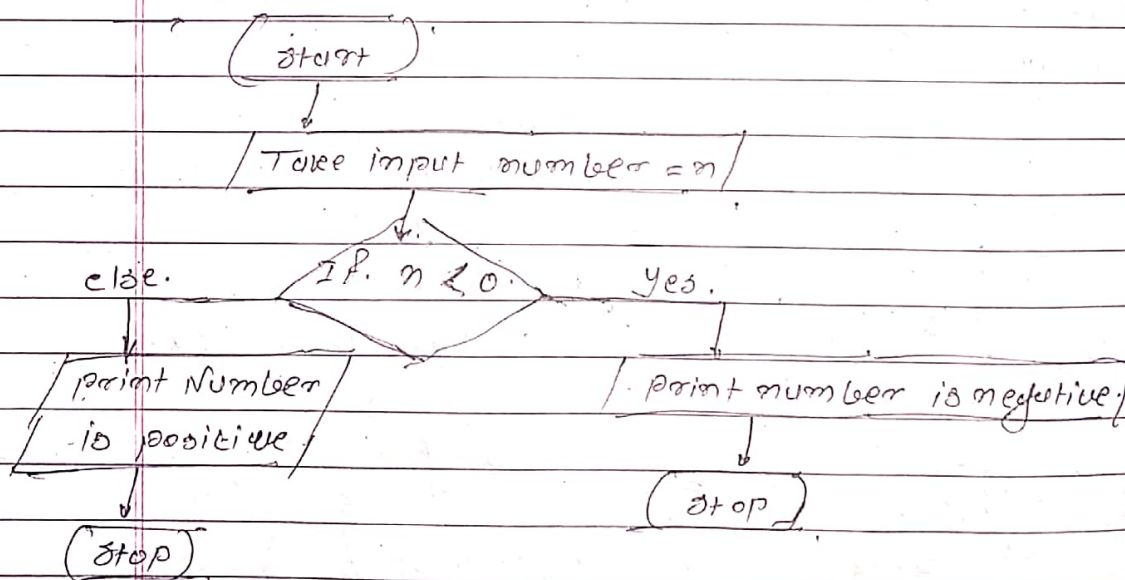


- (1) start
- (2) initialise $temp = Fact$
- (3) $Fact = 1, i = 1$
- (4) IF $i \leq n$
- (5) True \rightarrow $Fact = Fact * i$
- (6) $i = i + 1$
- (7) False
- (8) Print Fact
- (9) stop.

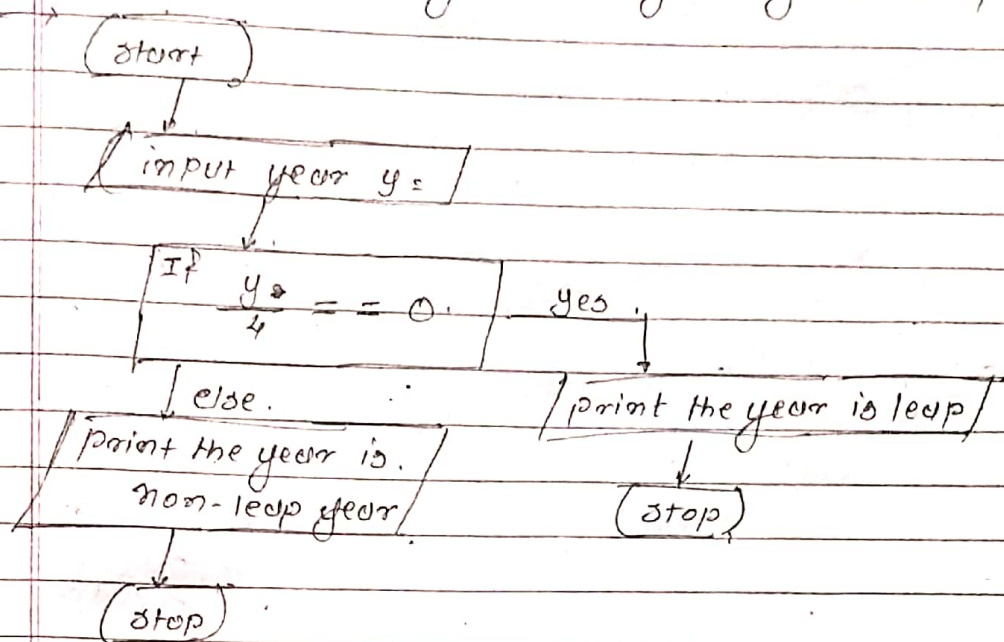
Q.4 swap two numbers without using 3rd variable approach?



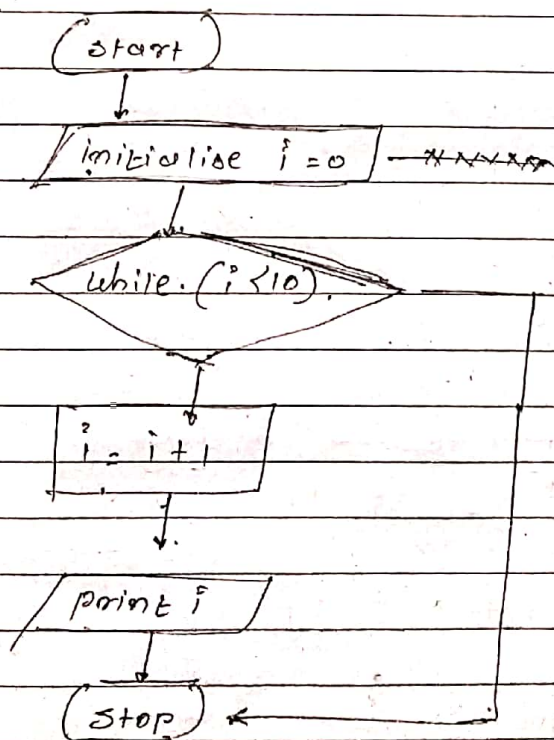
Q.5) How to check number positive or negative?



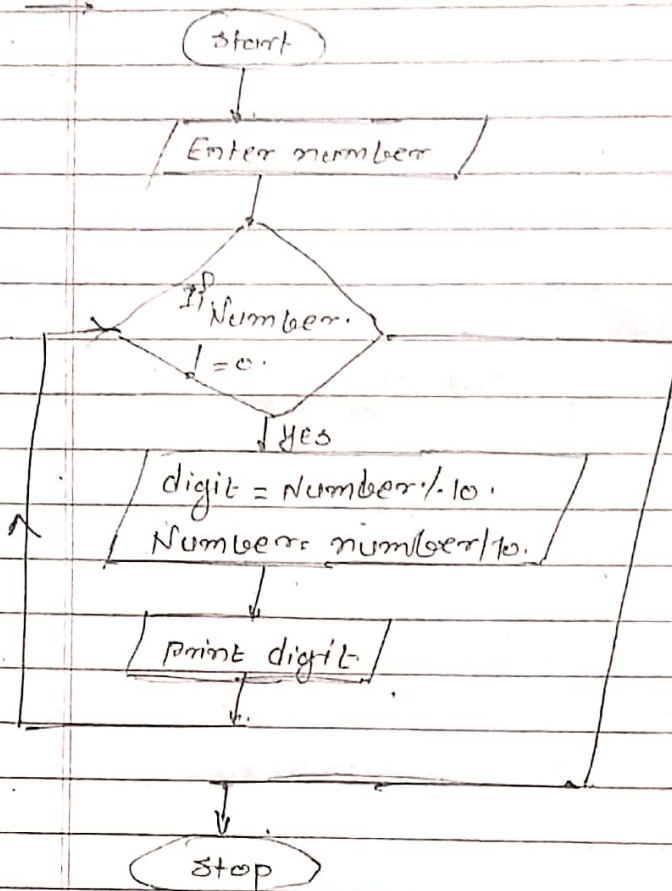
Q.6 write a java program. for given year is leap year?



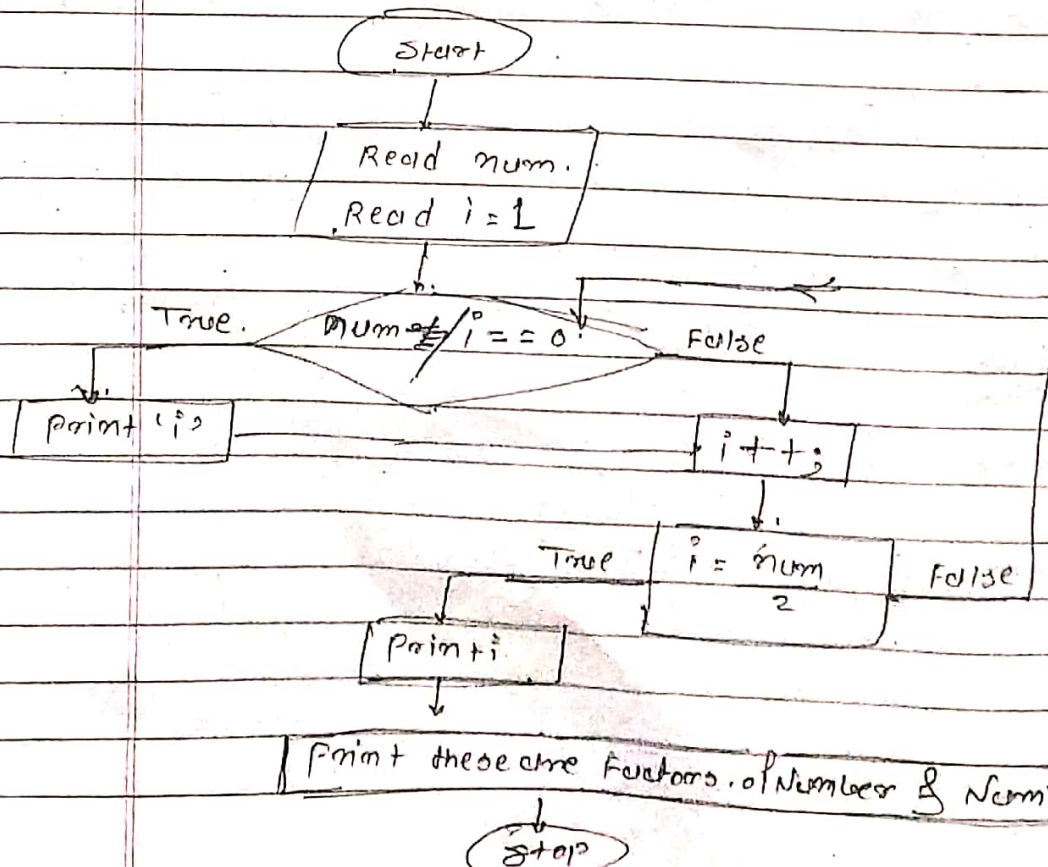
Q.7 write java programme. for printing 1 to 10. without using loop?



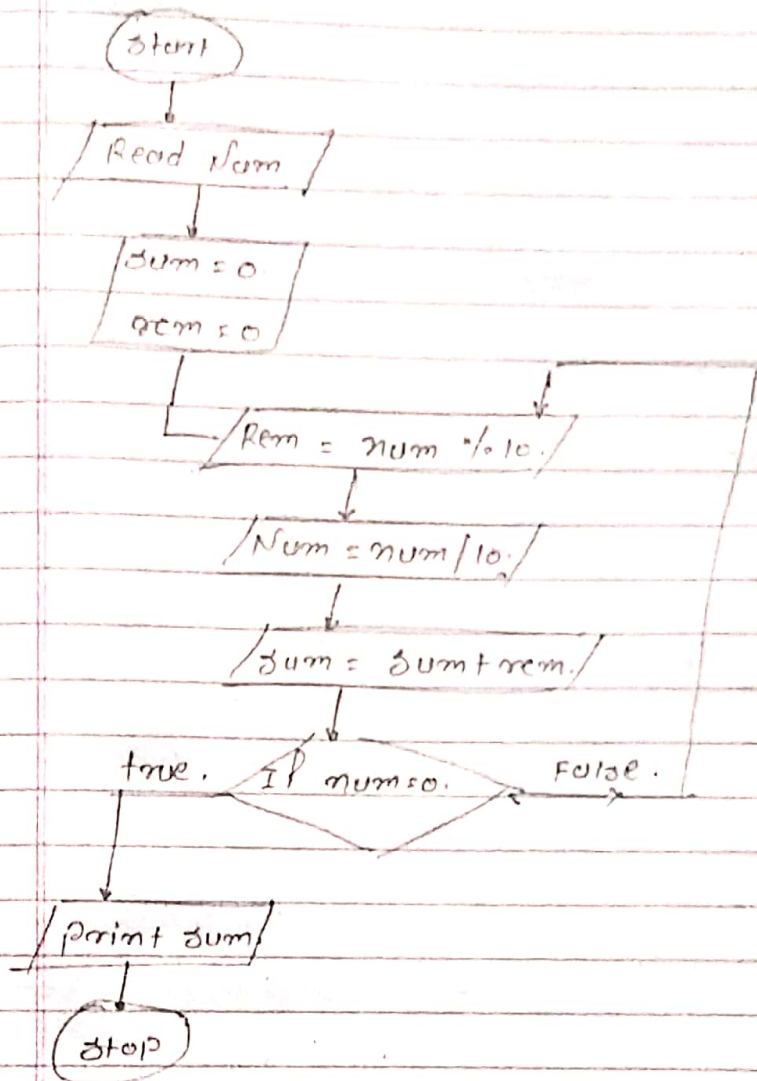
9.8) Print digits of given number?



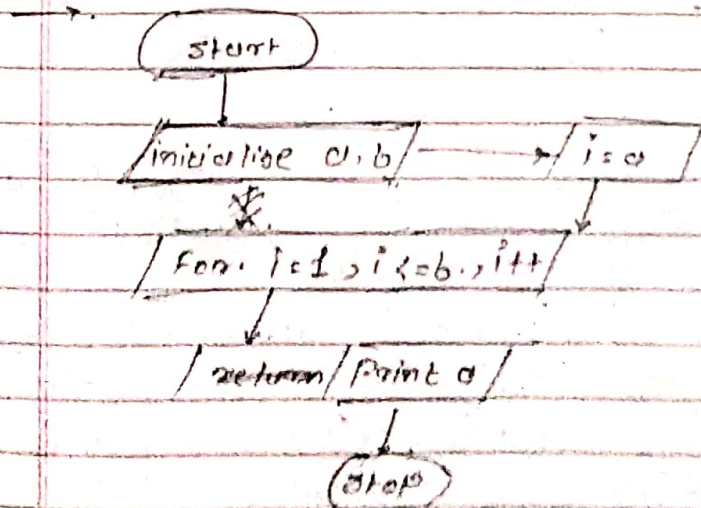
9.9 Factors of given number.



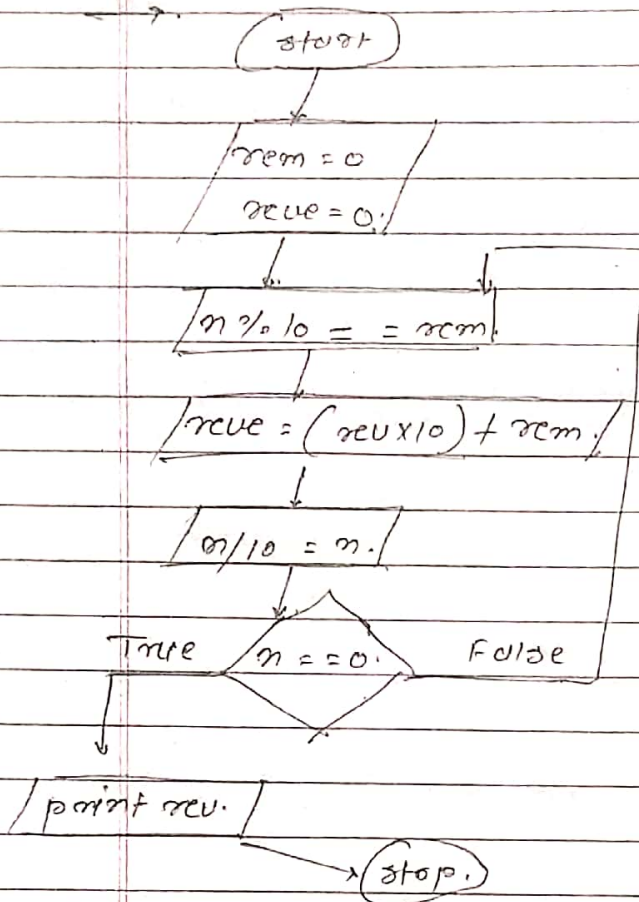
Q.10) Sum of digits of Num.



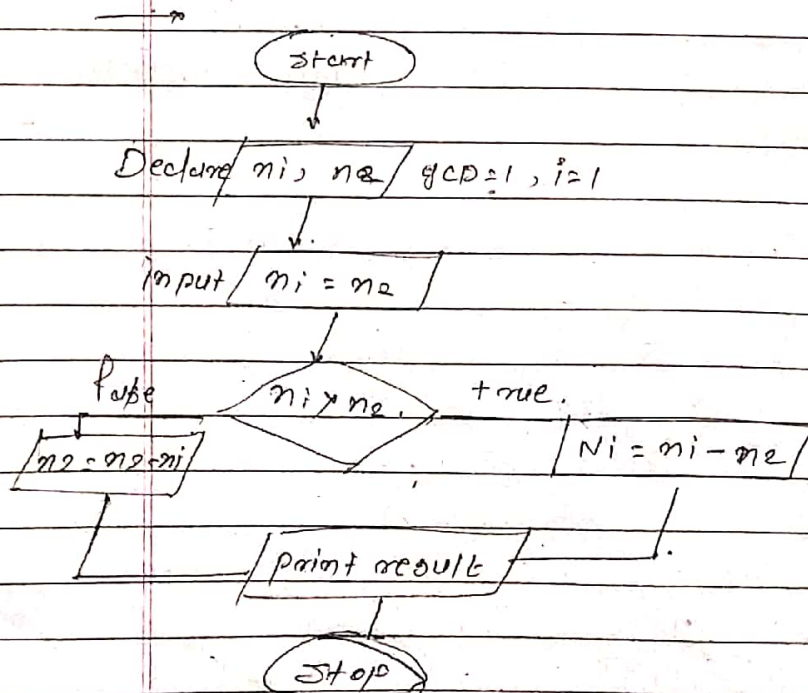
Q.12) How to add two numbers without using arithmetic operator in java?



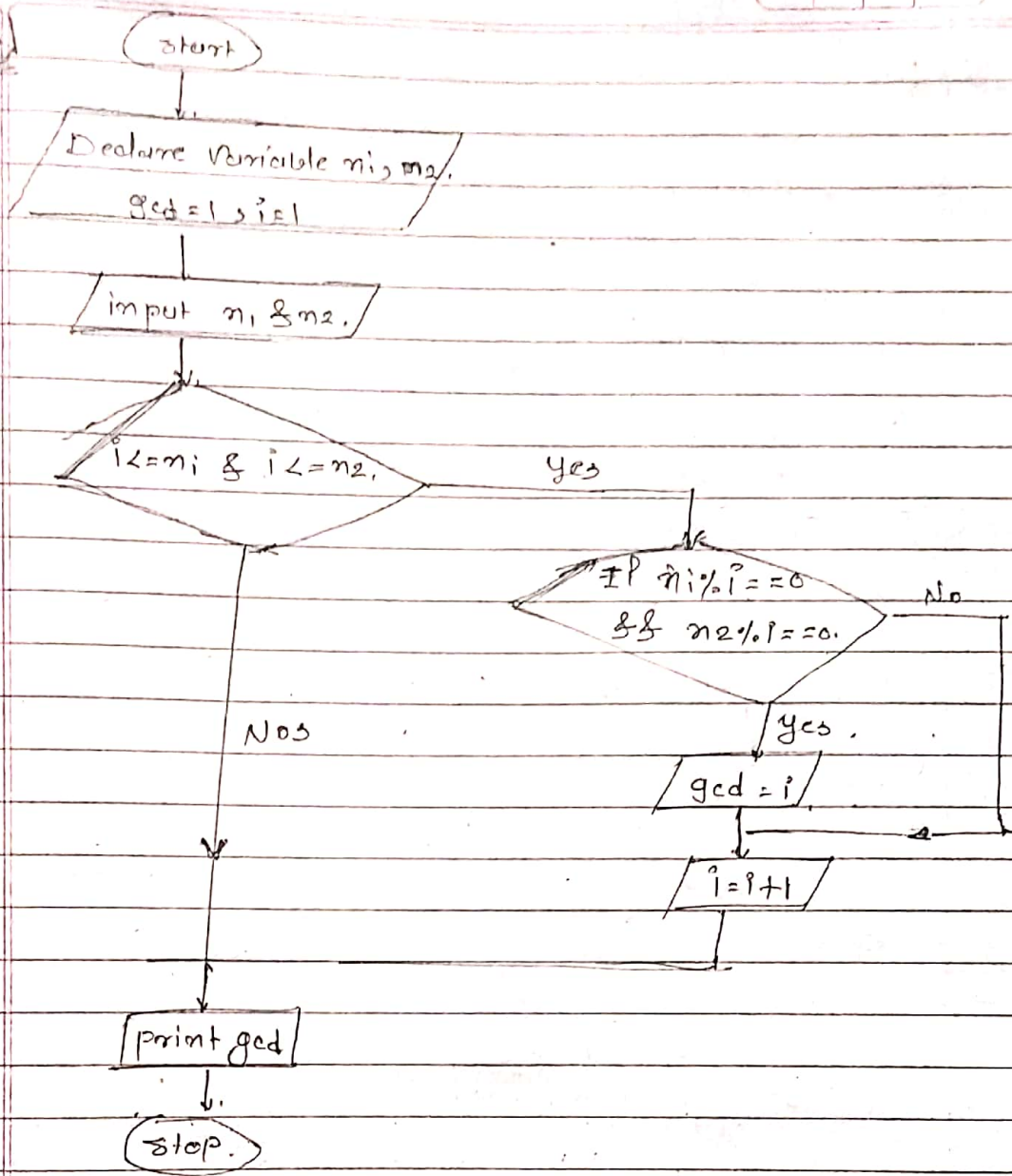
Q.13) write programme to reverse given numbers



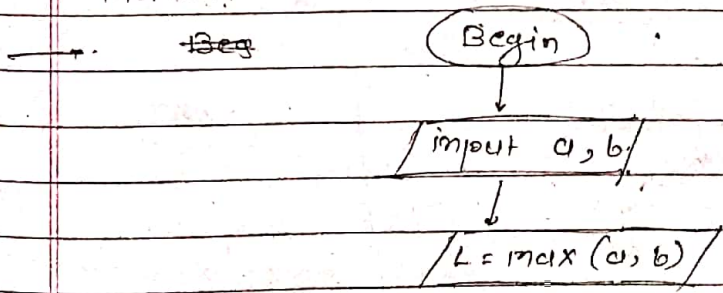
Q.14) write java program to find the GCD of two given numbers?



Q.14

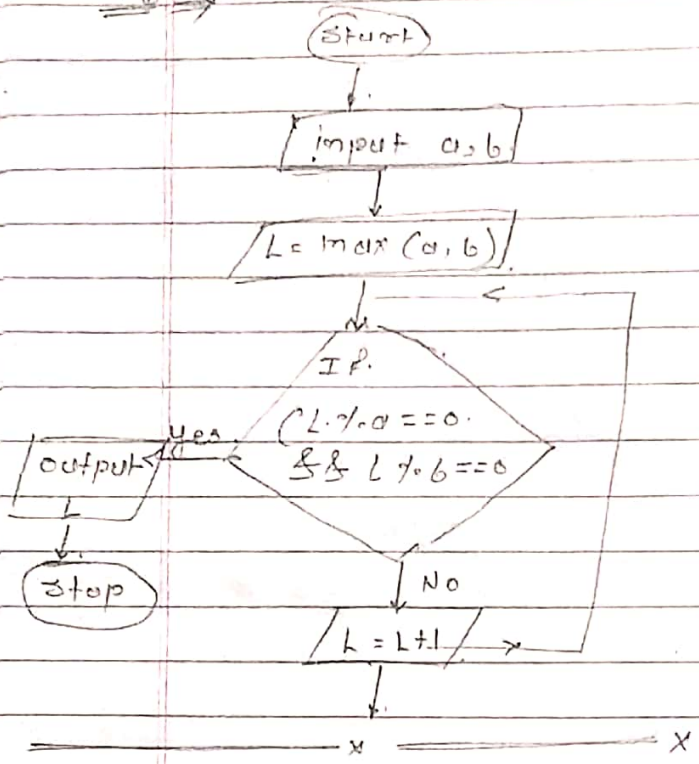


Q.16 Flowchart For Lcm of two numbers using prime factor method.

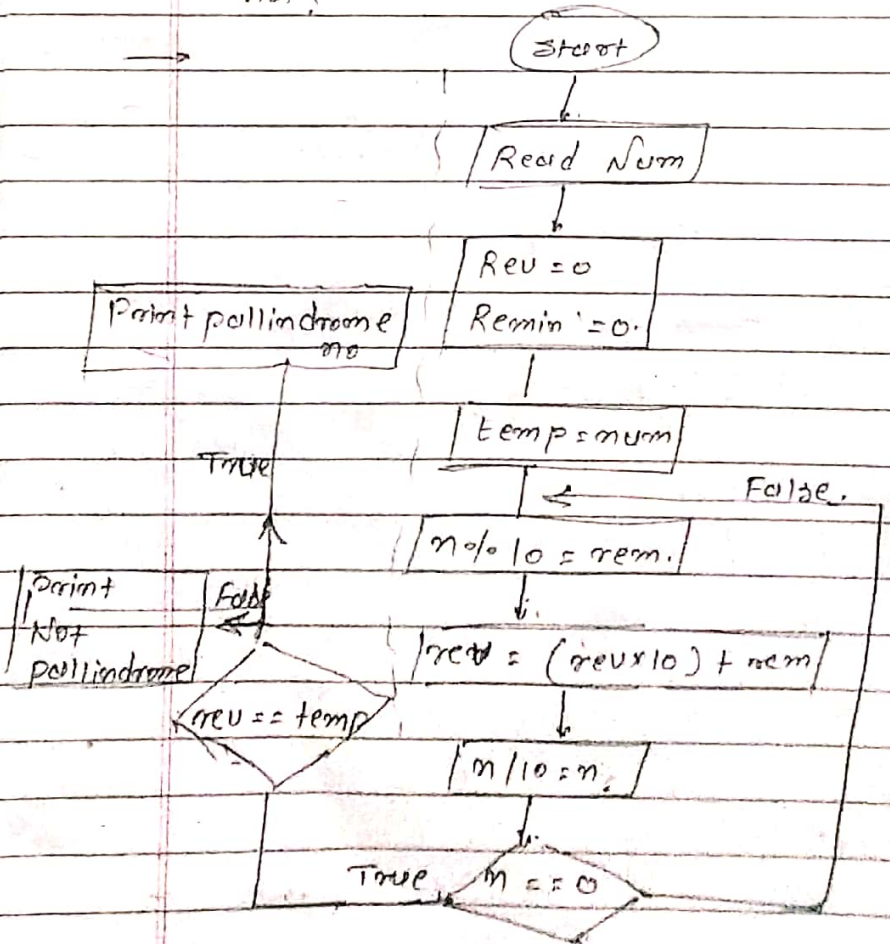


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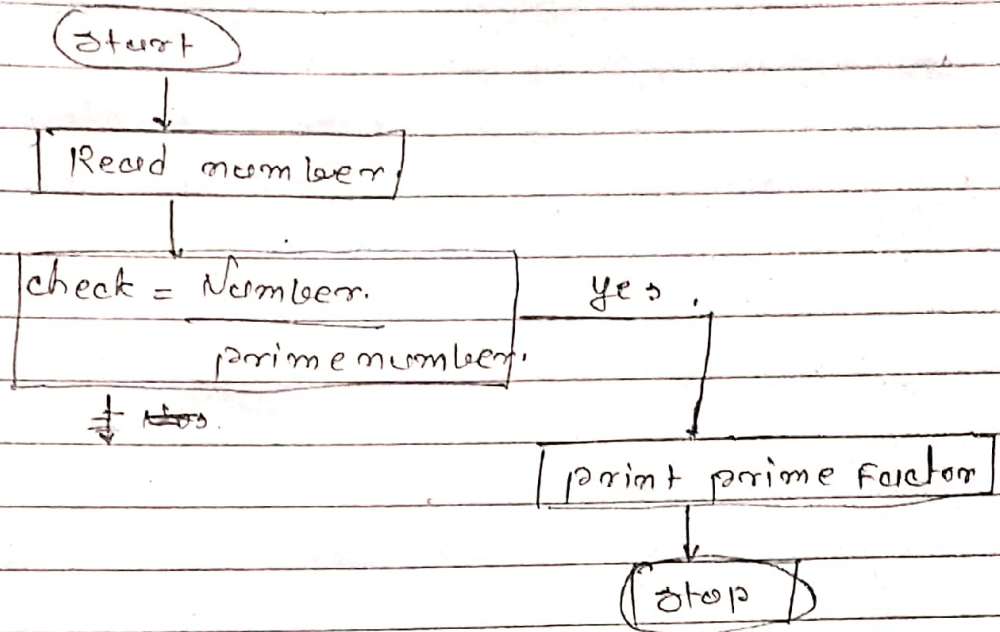
Q.16



Q.17 check whether the given number is palindrome or not?



Q.18) Prime factors of a number.



Q.19) To print the following series of even Number.
series, 2, 4, ...

— (1) start programme.

(2) input Number = i

(3) ~~(2)~~ k is even = $i \% 2 = 0 \rightarrow$ Remainder.

(4) ~~(3)~~ $(k, k \leq 100, k++)$

(5) Print k if condition ~~(3)~~ is true, or repeat process $2 \rightarrow 3 \rightarrow 3 \rightarrow 4$

(6) end programme.

————— x ————— x —————
Q.20) To print the following series of odd Number

— (1) start programme.

(2) Take input of Number $\rightarrow i$

(3) k is odd = $i \% 2 = 1 \rightarrow$ Remainder

(4) $(i, i \leq 100, i++)$

(5) print k if the condition (3) is true.
or repeat process $4 \rightarrow 3 \rightarrow 4$

(6) end programme