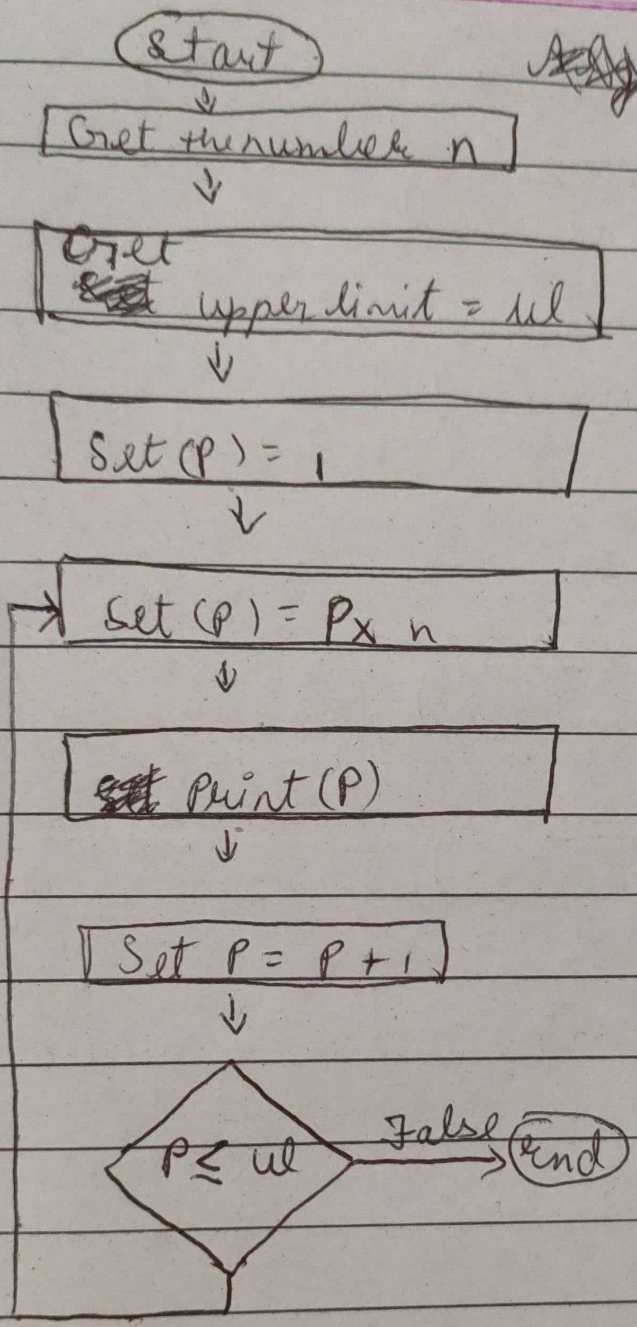
Q1.



Q Algo for table of any no.

Algo → i) Get the number (n) & upper limit (ul) from user.

ii) Set (P) = 1

iii) Set (P) = P x n

iv) Print (P)

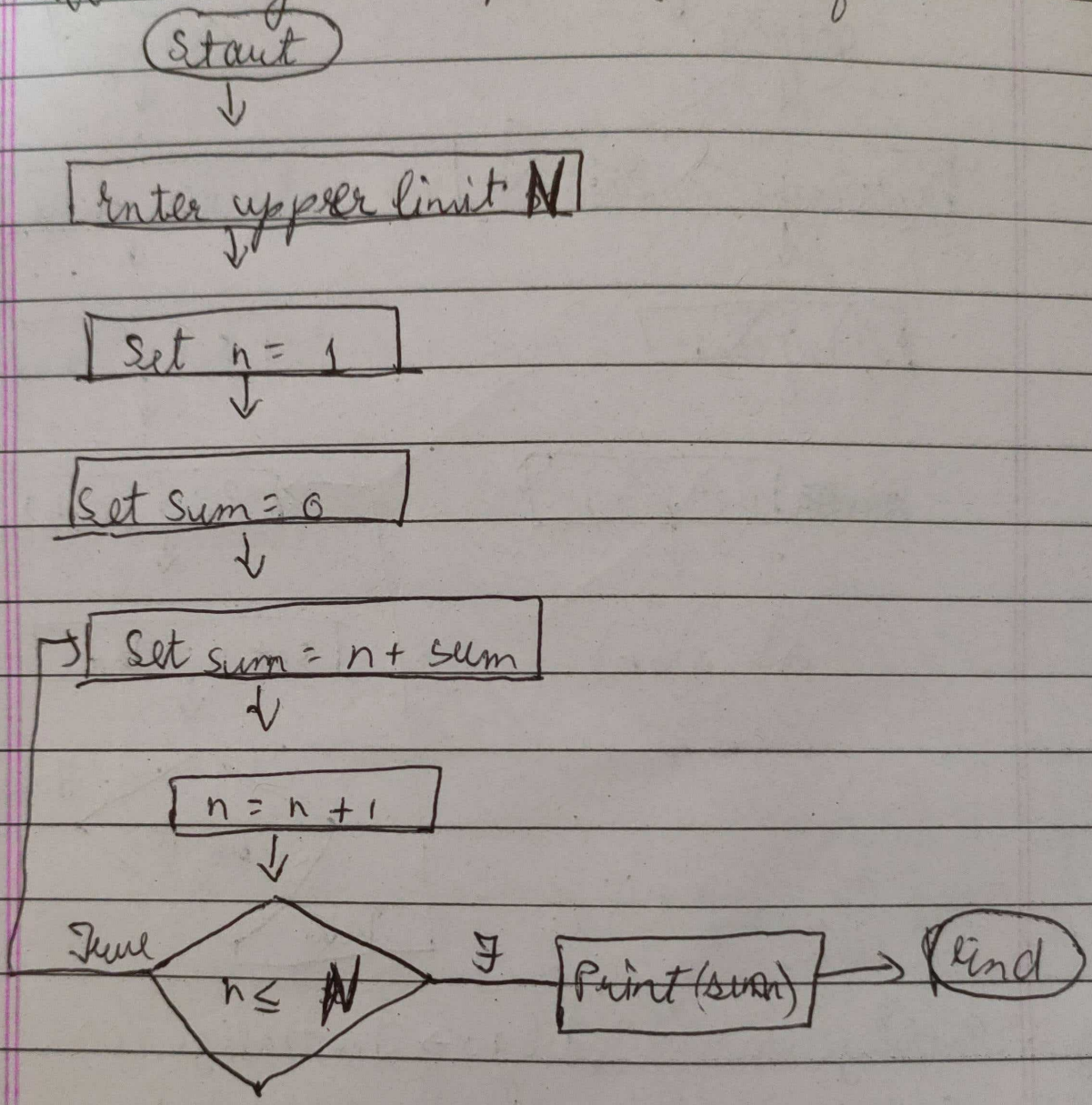
v) Set P = P + 1

vi) If P ≤ ul

go to step iii)

Q2. Write algo that prints sum of n numbers.

Ans 2.



Algo → i) Enter the upper limit N

ii) Set n = 1 & sum = 0

iii) Set sum = n + sum

iv) Set n = n + 1

v) If $n \leq N$

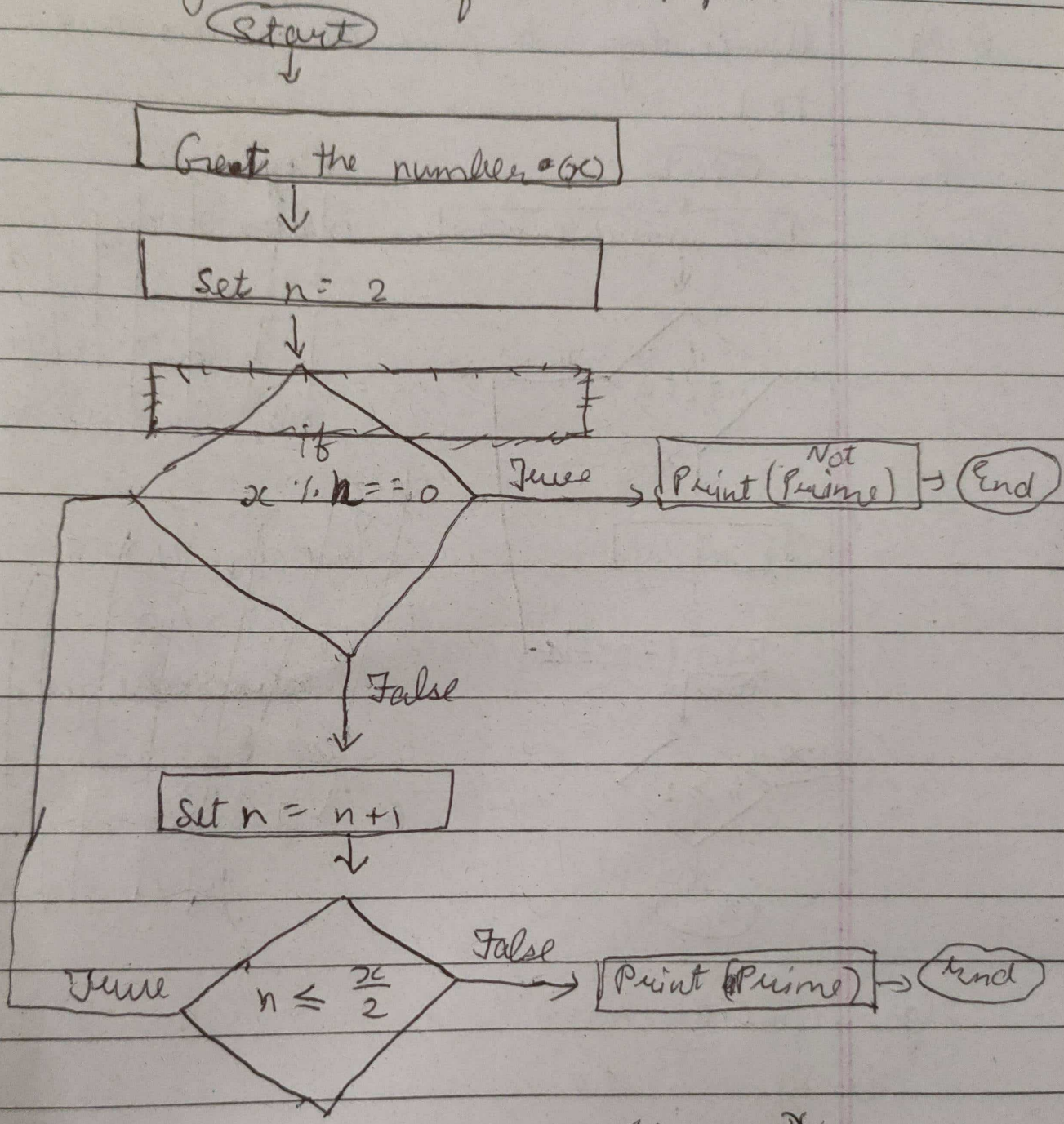
go to step iii)

else

Print (sum)

Q 3. Write algo to check if number is prime.

Ans:



Algo → i) Enter number (x)

ii) Set n = 2

iii) If x % n = 0

Print ("Not Prime")

else

~~Set~~

Set n = n+1

iv) If n ≤ x/2

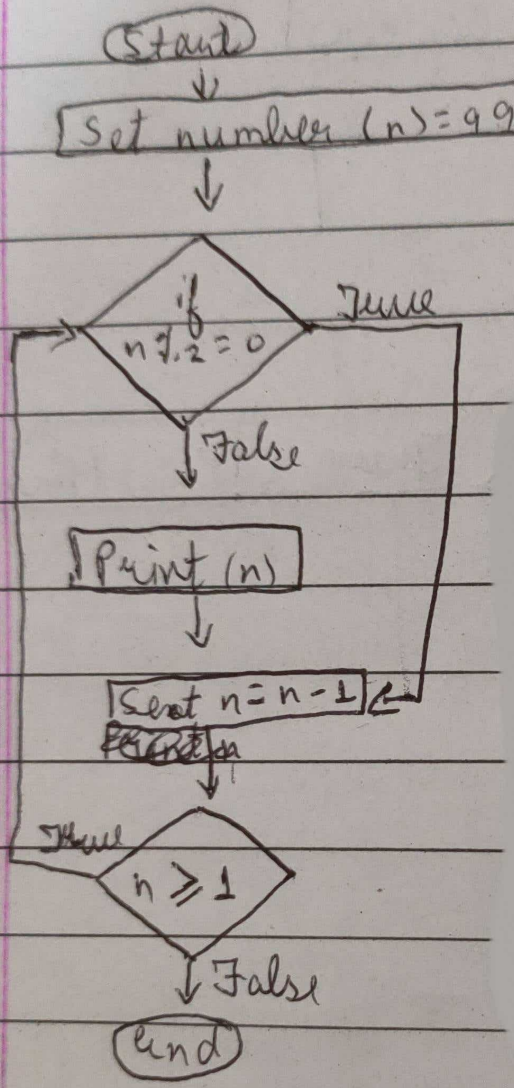
go to step iii)

else

Print ("Prime")

Q. 4 Write algo. to print all odd no.s backward from 99 to 1.

Ans.



Algo. i; Initilize (n) = 9

ii; If n % 2 ≠ 0

Print (n)

else n = (n-2)

If (n ≥ 1)

go to step ii;

else

end.