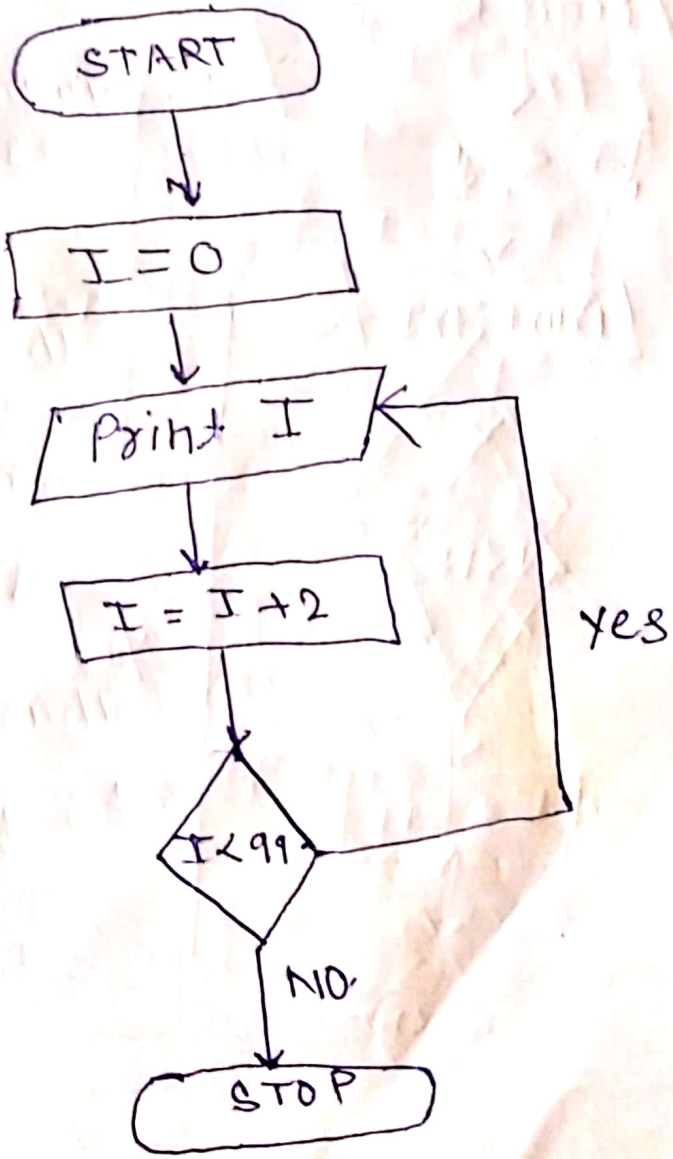
DATE :- 16/03/22

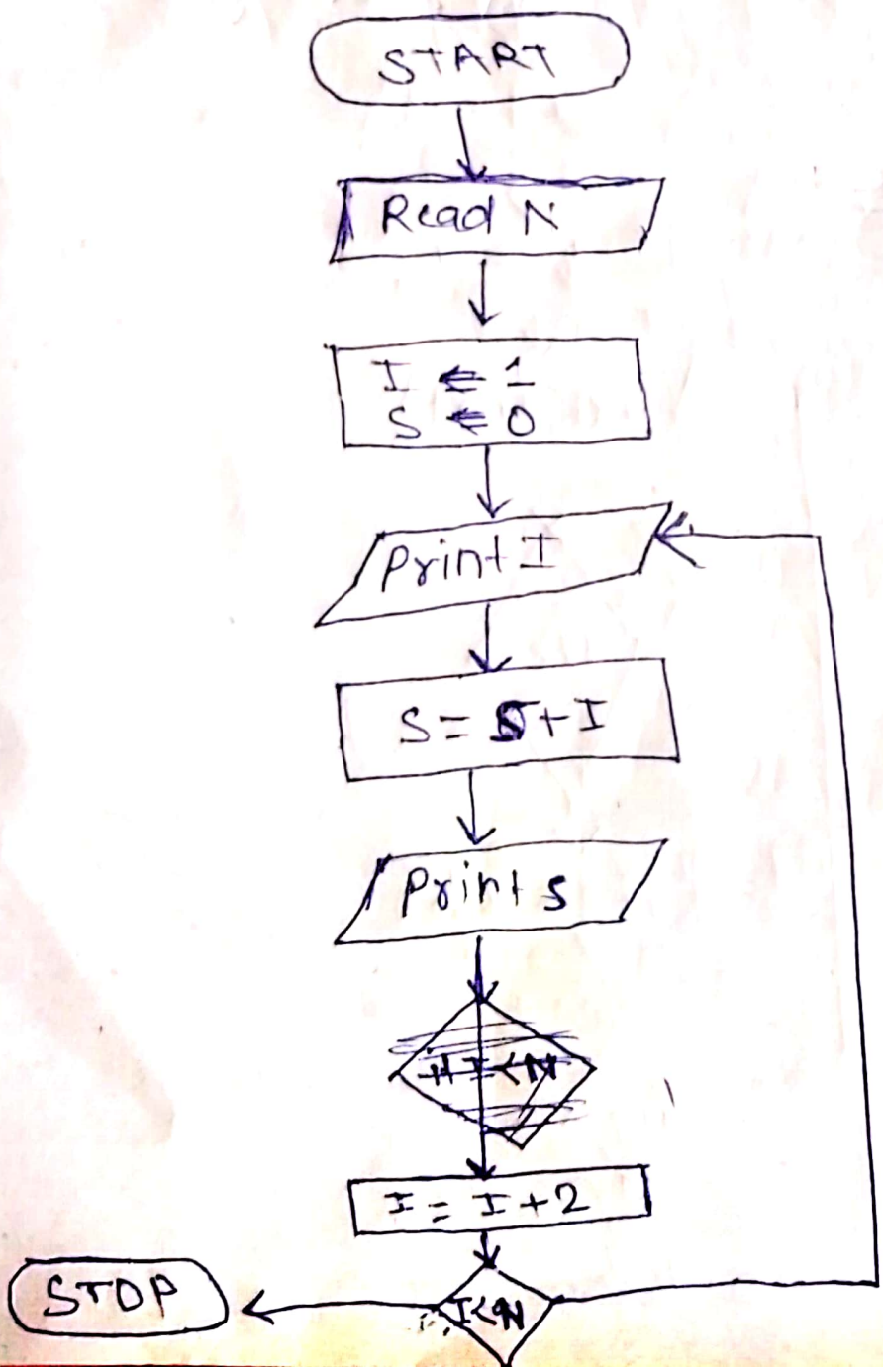
* ASSIGNMENT 2 :-

1).

a] Step 1: START
Step 2: I ← 0
Step 3: Print the value of I.
Step 4: I ← I+2
Step 5: if (I < 99) go to step 3.
Step 6: End.



1. (b) Step 1 : Start
Step 2 : Read N
Step 3 : I ← 1 and S ← 0
Step 4 : Print I
Step 5 : S ← I+S
Step 6 : Print S
Step 7 : if (I < 99) go to step 4.
Step 8 : END.



1.(c).

Step 1: Start

Step 2: I ← 1 and S ← 0

Step 3: I ← X (Test score)

Step 4: Sum ← Sum + X

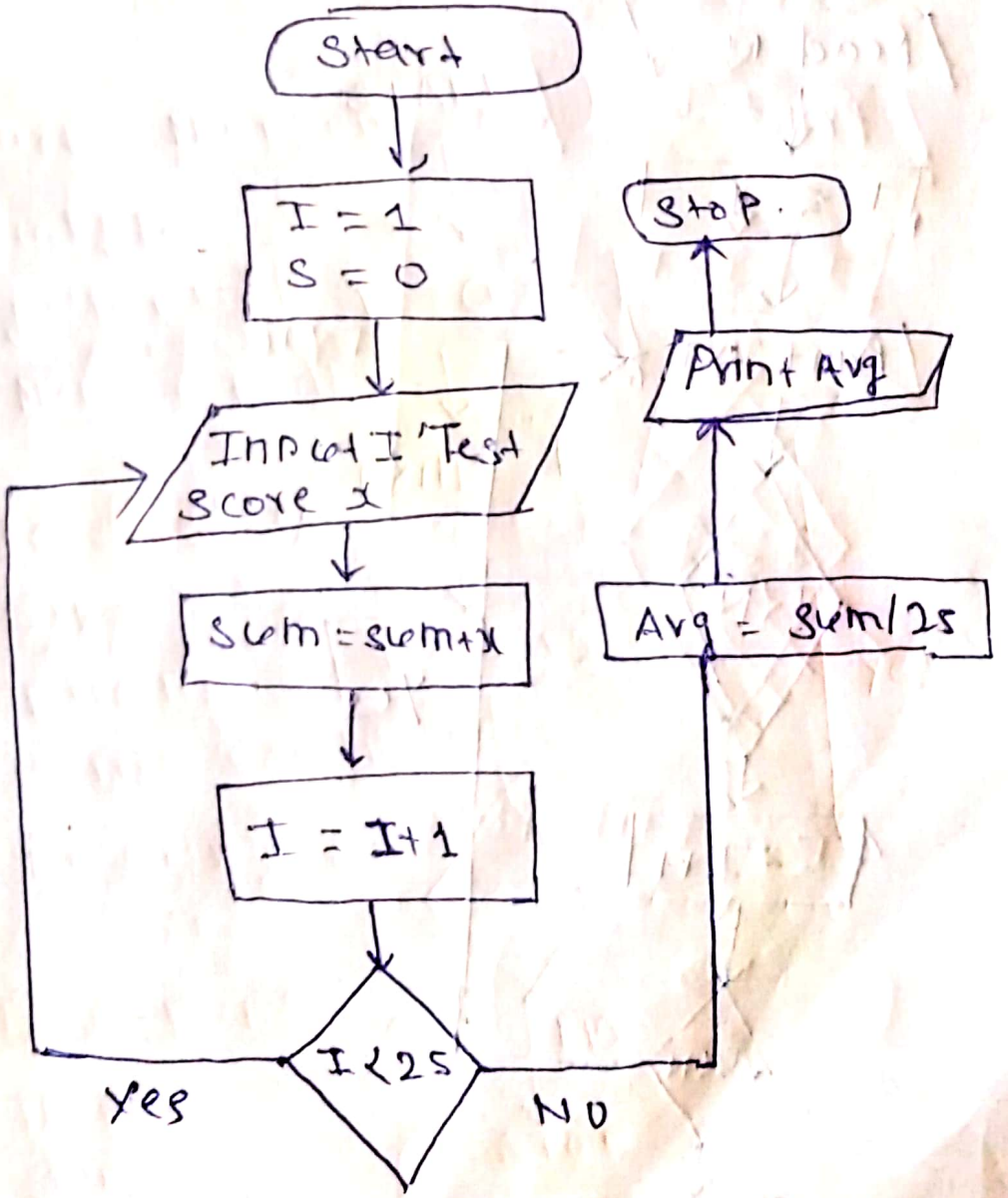
Step 5: I ← I + 1

Skp 6: if (I < 25) go to Skp 3.

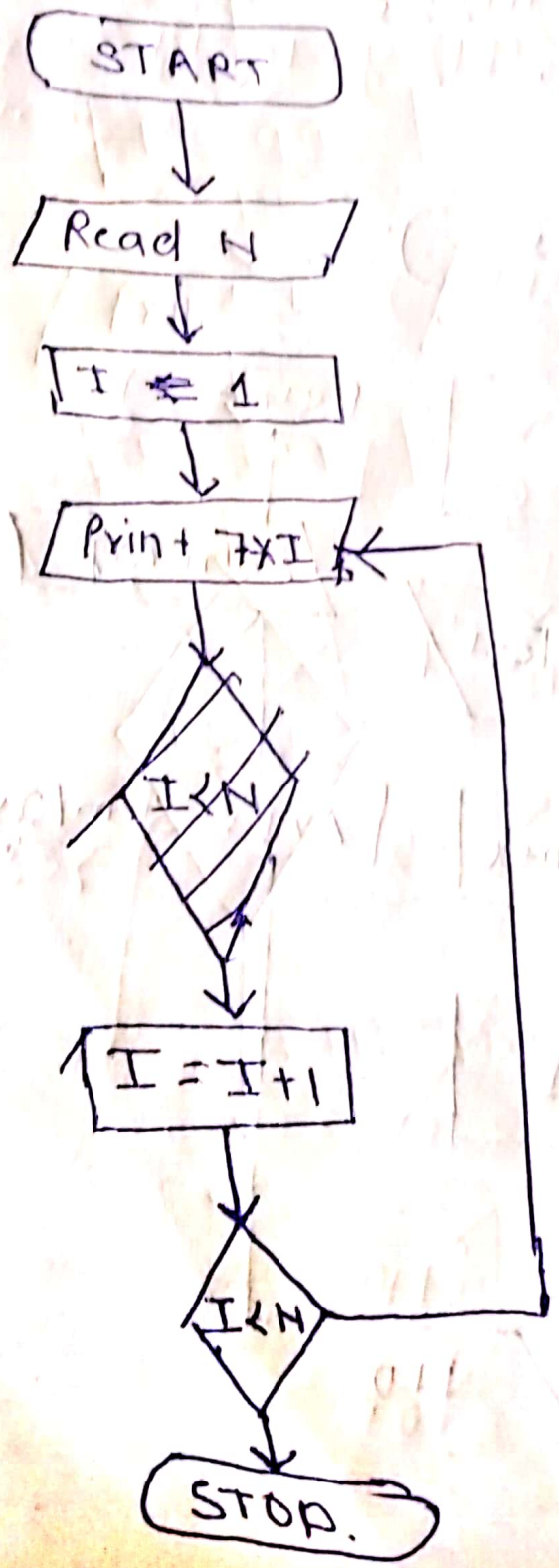
Skp 7: Avg ← Sum / 25

Skp 8: Print Avg.

Skp 9: Stop.



Step 1: Start.
Step 2: Read N
Step 3: I ← 1
Step 4: Print 7 X I
Step 5: I ← I + 1
Step 6: If (I < N) go to step 4.
Step 7: STOP.



(e). Step 1: Start.

Step 2: Read N.

Step 3: I ← I and sum ← 0

Step 4: if (N % I ← 0)

Step 5: Sum ← Sum + I

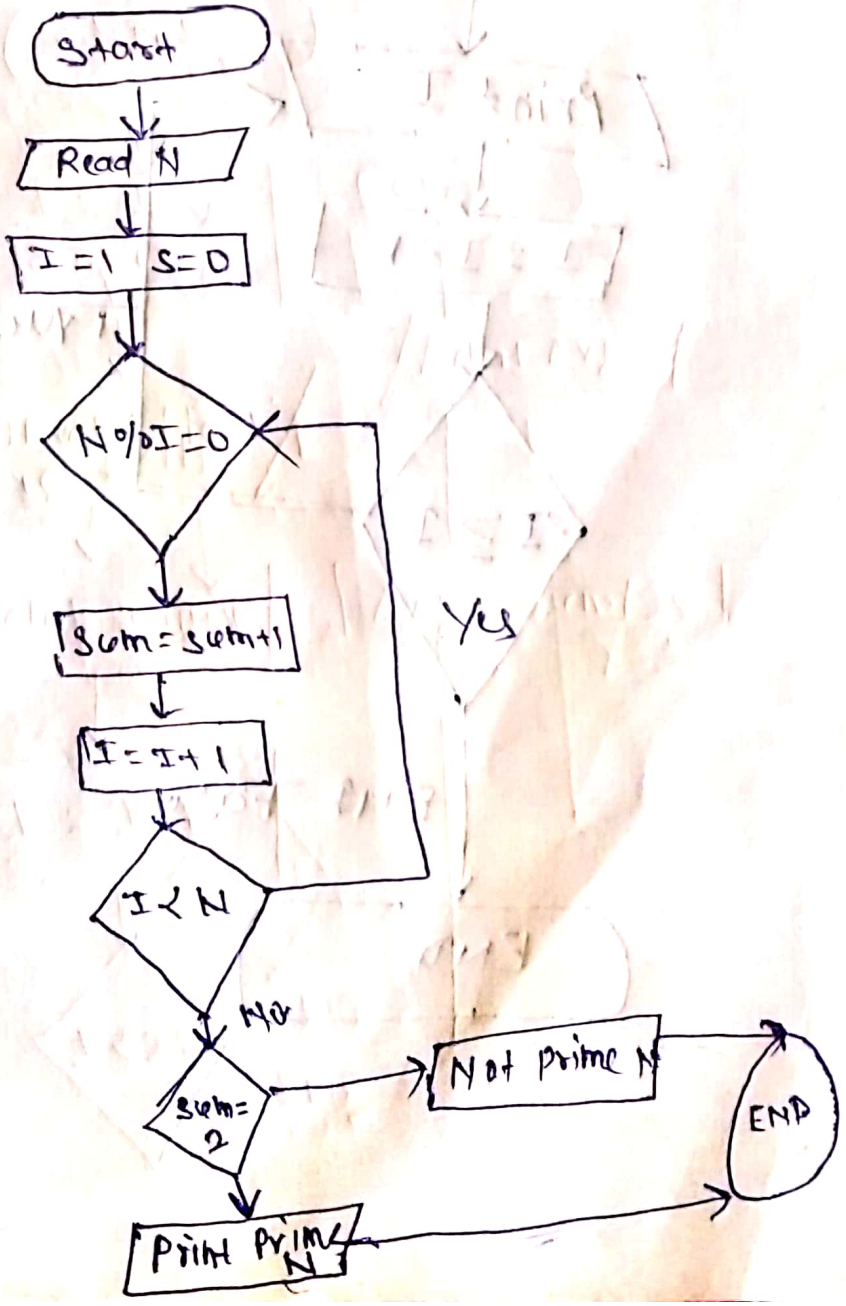
Step 6: I ← I + 1

Step 7: if (I < N) go to step

Step 8: if (Sum ← 2) Print N is prime

Step 9: Print N is composite.

Step 10: Stop.



(4). Step 1: Start.
Step 2: I ← 99
Step 3: Print I
Step 4: I ← I-1
Step 5: If (I ≥ 1) go to Step 3.
Step 6: END.