(a) print even no between 0 and 99

→ Step 1: Start

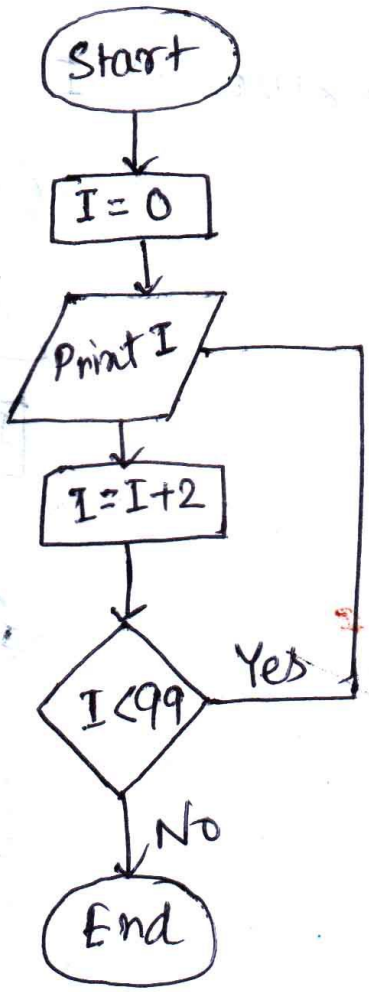
2: I = 0

3: Print the value of I

4: I += I+2

5: IF (I<99) then goto Step 3

6: End



(b) Print odd numbers less than a given number. It should also calculate their sum and count.

→ Step 1: Start

2: Input Number

3: I = N ; S = 0

4: If (I % 2 != 0 and I > 0)

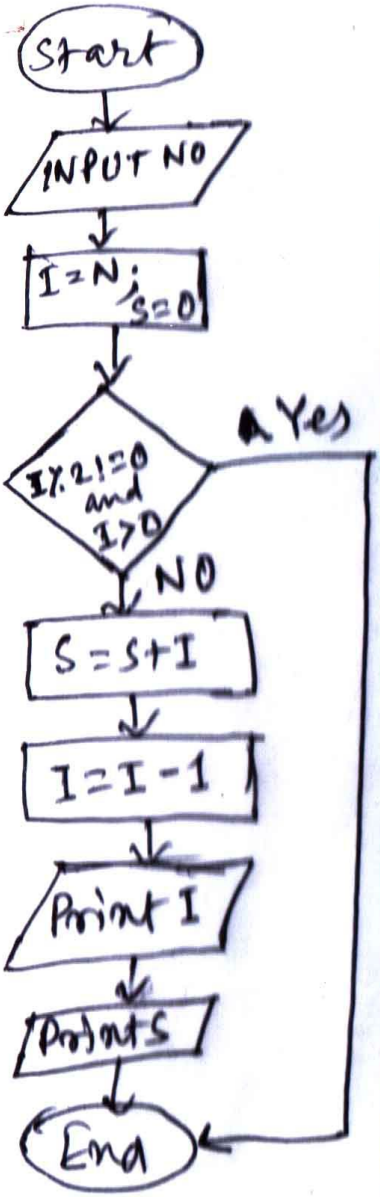
5: S = S + I

6: I = I - 1

7: Print the value of I

8: Print S

9: Stop



© Calculate the average of 25 test scores.

→ step 1: Start

2: I = 1 , N = 25 , S = 0

3: Input I'th exam score X

4: S = S + X

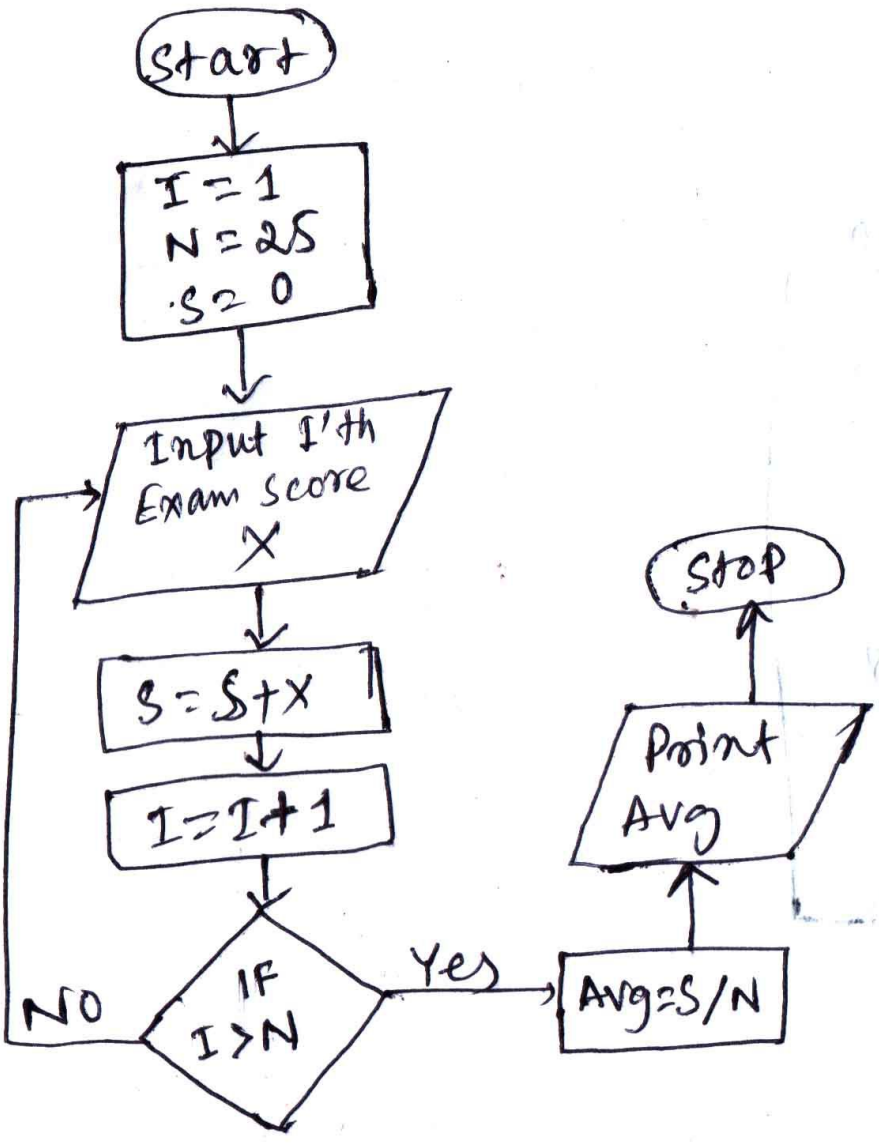
5: I = I + 1

6: If (I > N) is not then goto step 3

7: Avg = S/N

8: Print Avg

9: Stop



(c) Print table of any number N (say 7)

Ans → Step 1 : Start

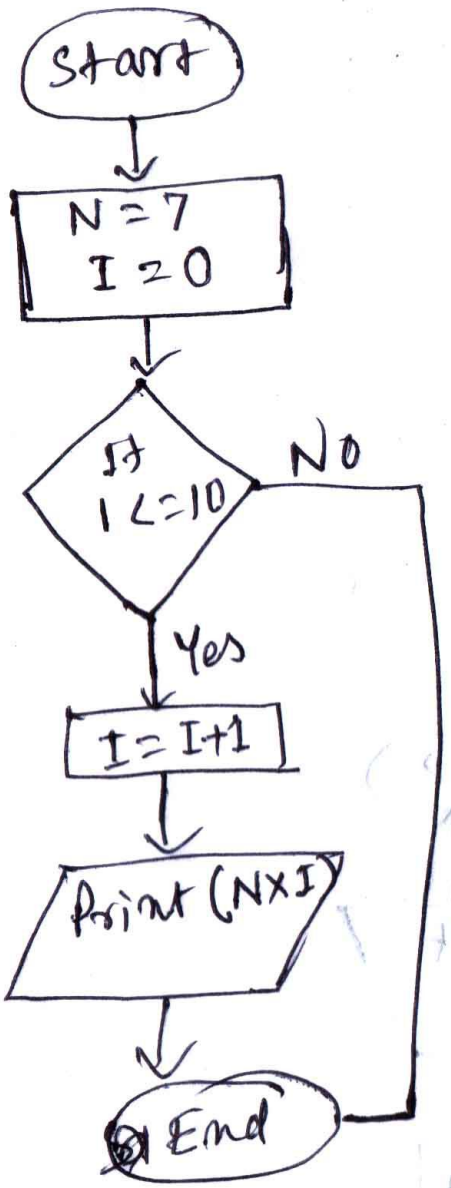
2 : N = 7 , I = 0

3 : If (I <= 10)

4 : I = I + 1

5 : Print (N x I)

6 : Stop



(e) Check if the given number is Prime or not.

→ Step 1: Start

2: Read number n

3: Initialise count ← 0 and i = 1

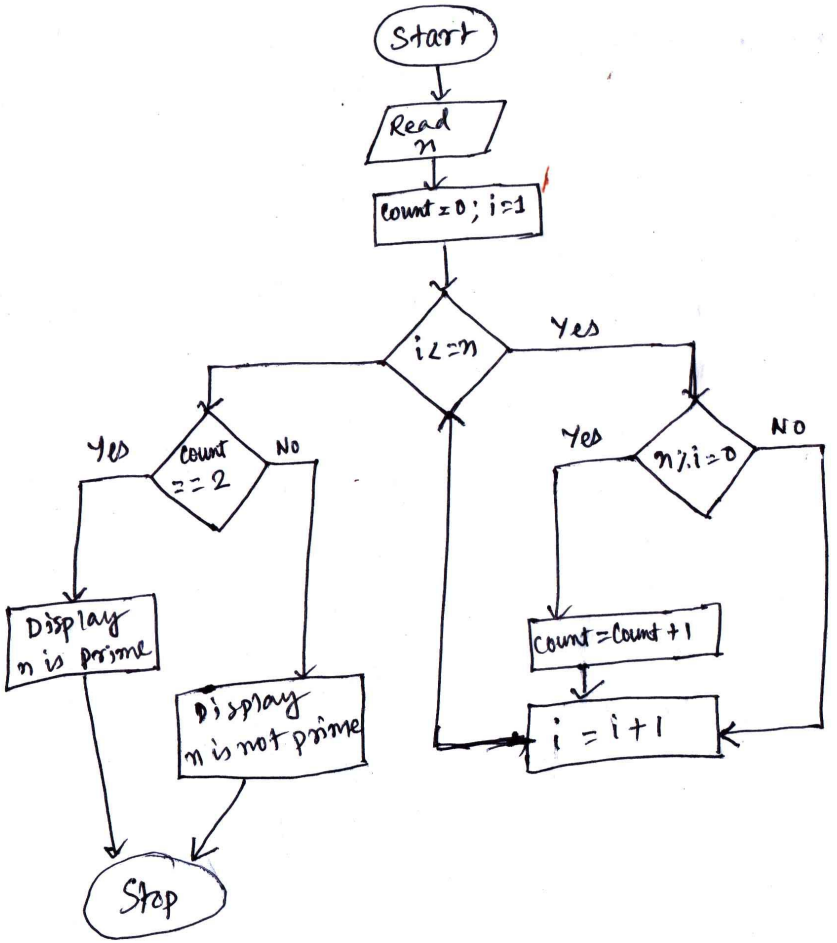
4: Repeat step 5 until i <= n, otherwise goto step 6

5: Divide n by i. If remainder is zero then increment count by 1; i by 1. Goto step 4

6: If count is equal to 2, then print n is prime. Goto step 8

7: Otherwise display n is not prime

8: Stop



(2) (f) Print odd numbers backward from 99 to 1.

→

Step 1: Start

2: I = 99

3: Print I

~~4: if (I >= 1) then goto step 3~~

~~5: I = I - 1~~

4: I = I - 2

5: if (I >= 1) then goto step 3

6: Stop