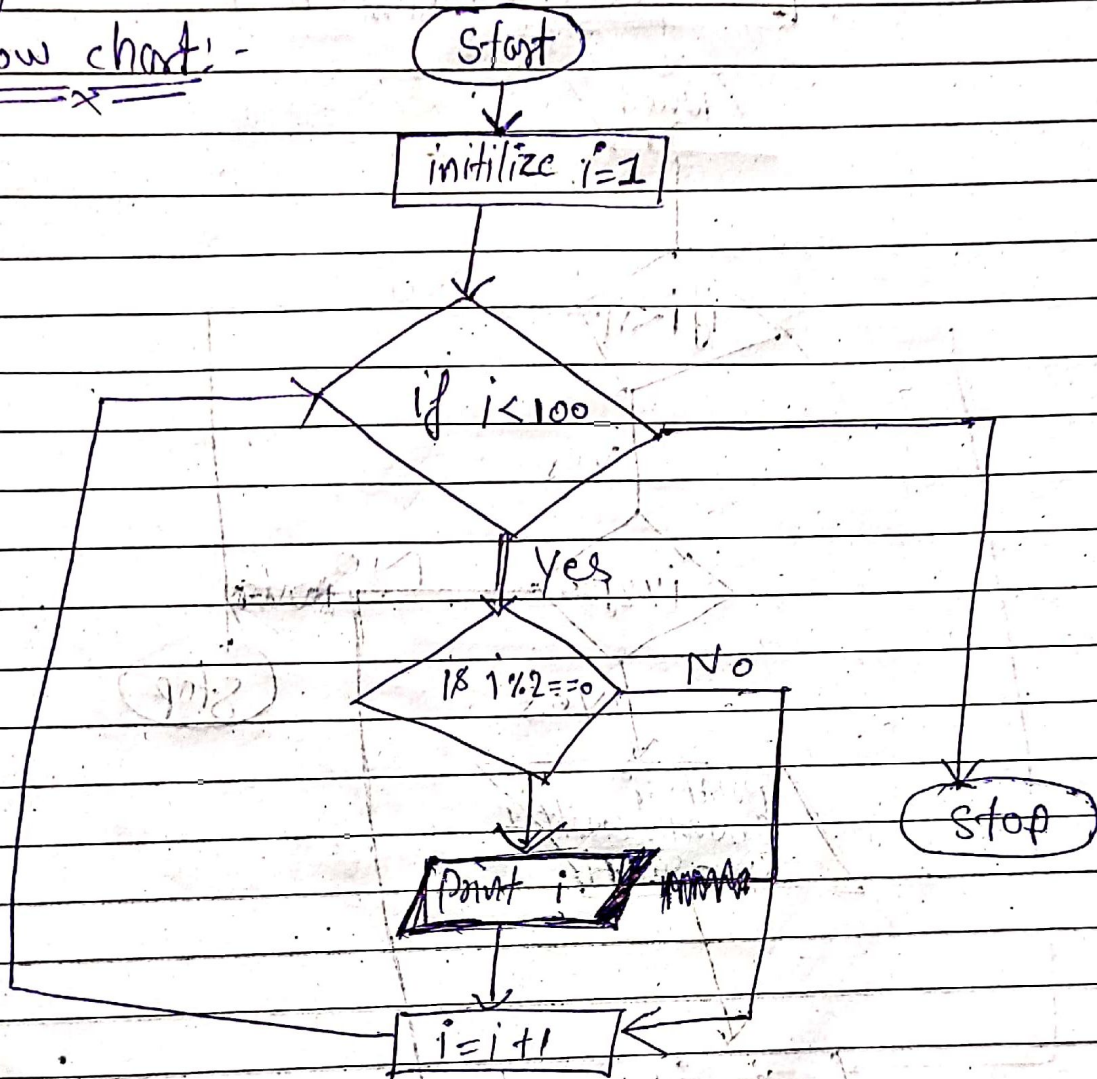


Question 1

(a)

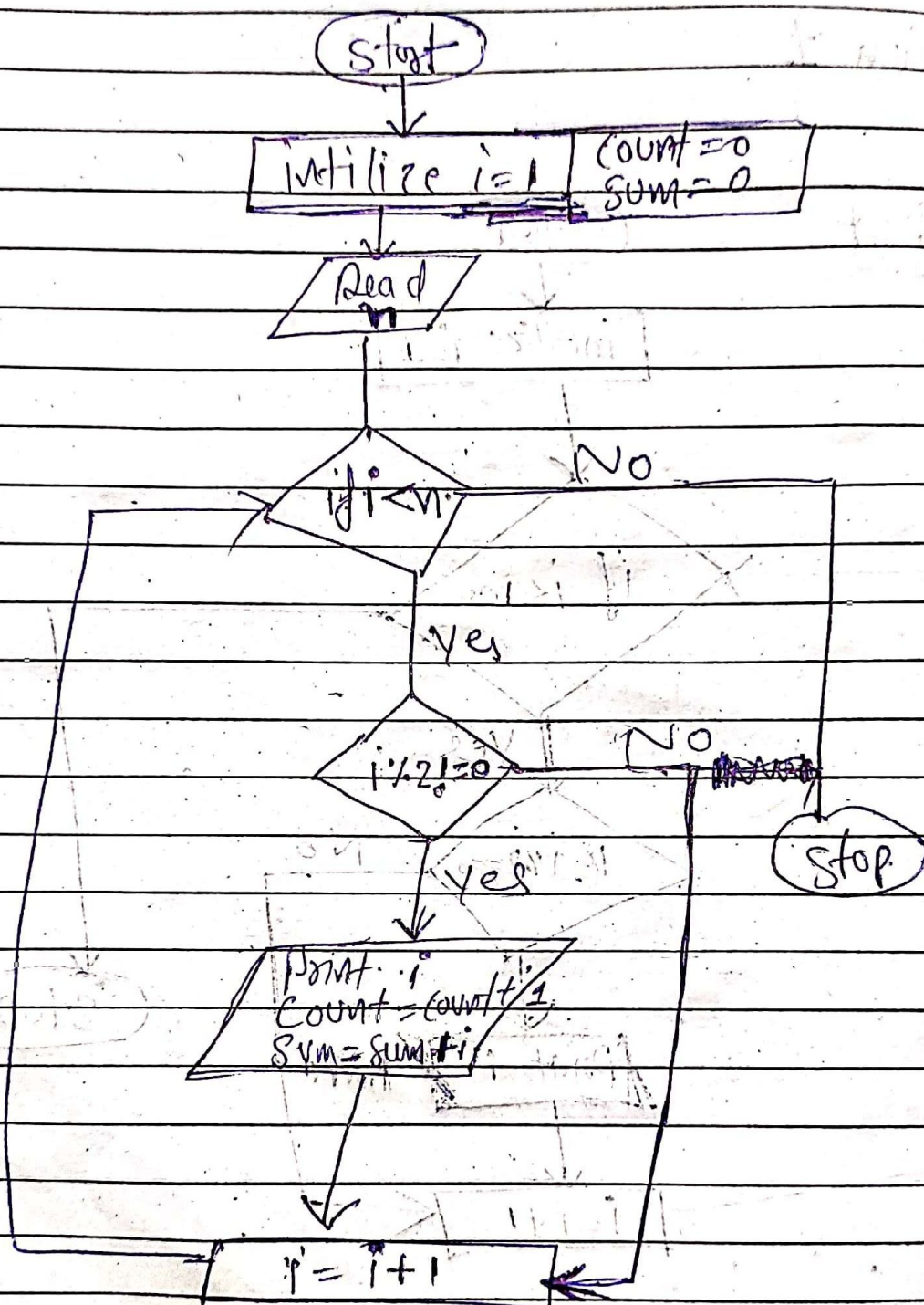
flow chart:-



Algorithm

- | | |
|--------|-----------------------------------|
| step 1 | start |
| step 2 | initize the variable i=1 |
| step 3 | for while i < 100 |
| step 4 | if i % 2 == 0 |
| step 5 | print i |
| step 6 | print increment i by 1 |
| step 7 | stop |

(h)



(1) Step 1 Start

Step 2 initialize $i = 1$, $Sum = 0$

Step 3 for($i = 1$, $i \leq 25$, $i++$)

Step 4 $Sum[i] = Sum + Sum[i];$

Step 5 Print $= Sum[i] / 25$

Step 6 stop.

(d)

Step 1 start

Step 2 initialize $i = 1$

Step 3 Read no. n

Step 4 ~~for~~ while ($i \leq 10$)
 $i++$;

Step 5 print table = $i \times n$;

Step 6 stop

(e)

Step 1 start

Step 2 Read the given no. (n)

Step 3 initialize $i = 2$

Step 4 for ($i = 2, i \leq n/2, i++$)

Step 5 ~~if~~ $n \% i == 0$

Step 6 If Yes - print it is ^{not} prime
 If No go step 4

Step 7 stop

4) Step 1 stop

Step 2 initialize i

Step 3 for (i = 99 ; i >= 1 , i--)

Step 4 if (i % 2 != 0)

Step 5 If yes. print (i)

~~If No~~
If No go step 3

Step 7 stop