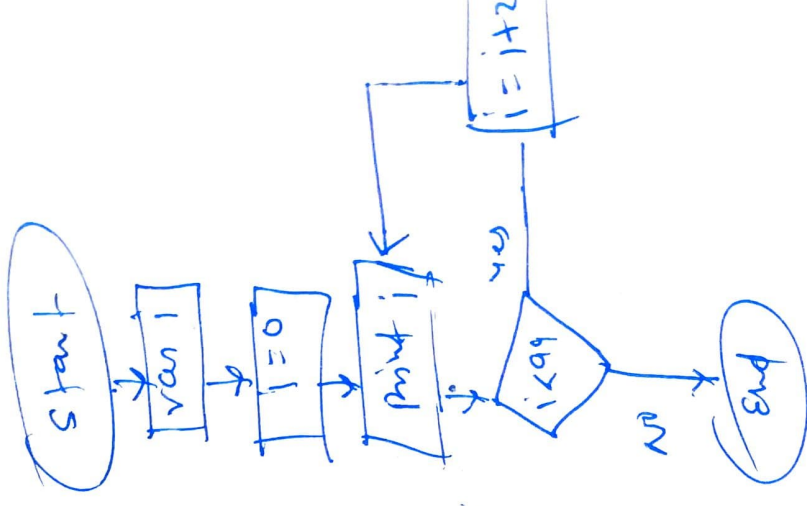


Assignment 2

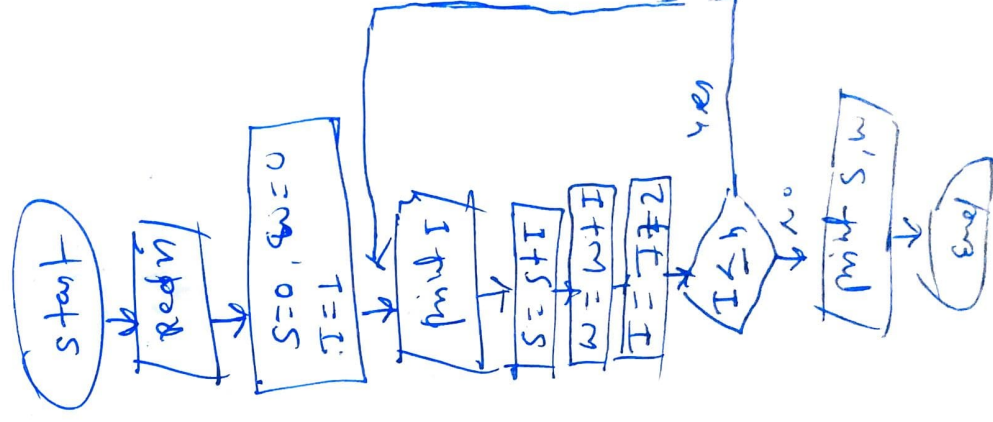
① print 0 to 99

- Step 1 \Rightarrow start
 Step 2 - initialize i
 Step 3 - $i = 0$
 Step 4 = print i
~~Step 5 = $i = i + 2$~~
 Step 5 = IF ($i < 99$)
 Step 6 = $i = i + 2$
 Step 7 = End



② print add numbers

- Step 1 start
 Step 2 read N
 Step 3 = var w, count, i
 Step 4 = print i
 Step 5 = $w = w + 1$
 Step 6 = $i \leftarrow i + 2$
 Step 7 = $i \leq n$ Step 4
 Step 8 = print s, w
 Step 9 = end



(c)

Step 1 = start

Step 2 = enter the test score

Step 3 = $Sum = 0$, $count = 0$

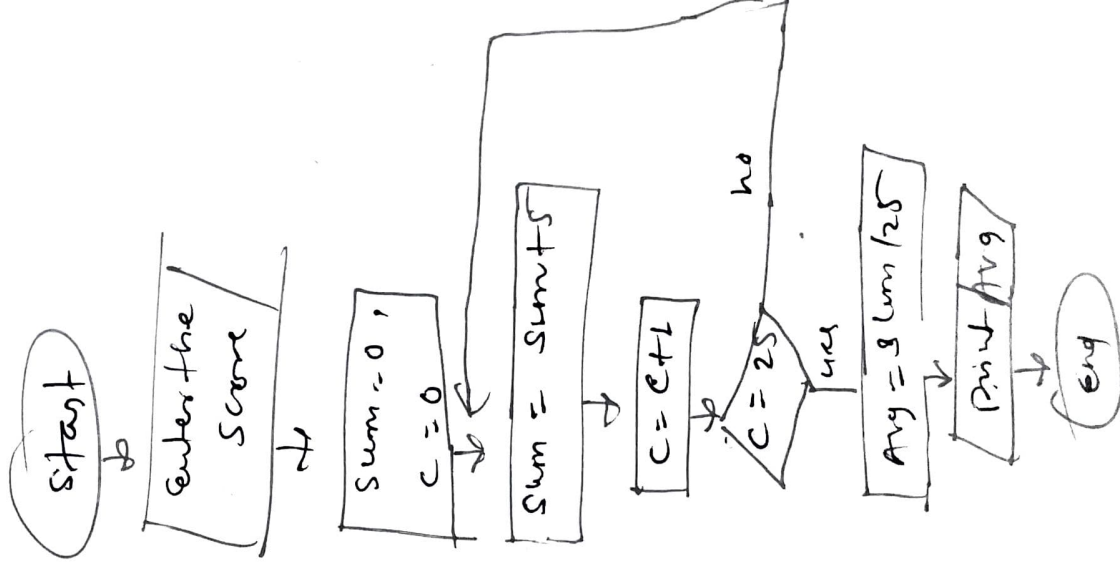
Step 4 = ~~enter the~~ $C \leftarrow C+1$

Step 6 = if ($C = 25$)

Step 7 = $Avg = Sum/25$

Step 8 = print Avg

Step 9 = end



A2

Q) Print table of a number

Step 1 :- start

Step 2 - input n , $a = 1$

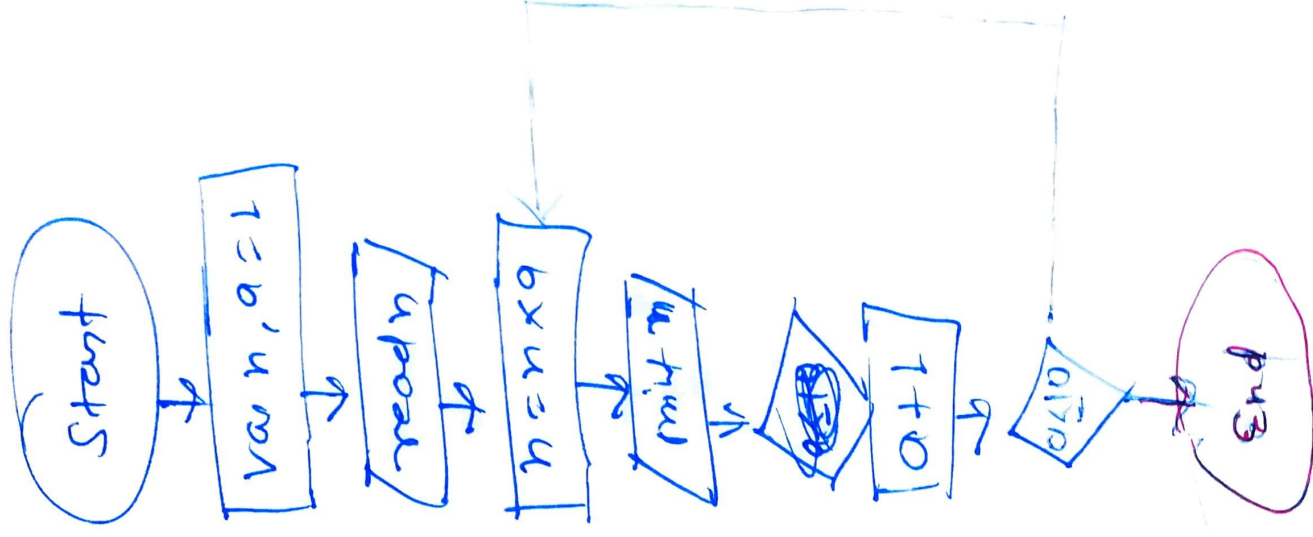
Step 3 - $n = n \times a$

~~Step 4~~ = ~~Print~~ Print (n)

Step 4 = if ($a \leq 10$)

Step 5 = $a + 1$ Step 3

Step = end



① start

Step 2 input num

Step 3 $R = \sqrt{\text{num}}$

Step 4 $I = 2$

Step 5 = if ($I \leq R$) then

Step 6 print number is prime

endif

Step 7 if ($\text{num} \% I == 0$)

Step 8 = print "num is not prime"

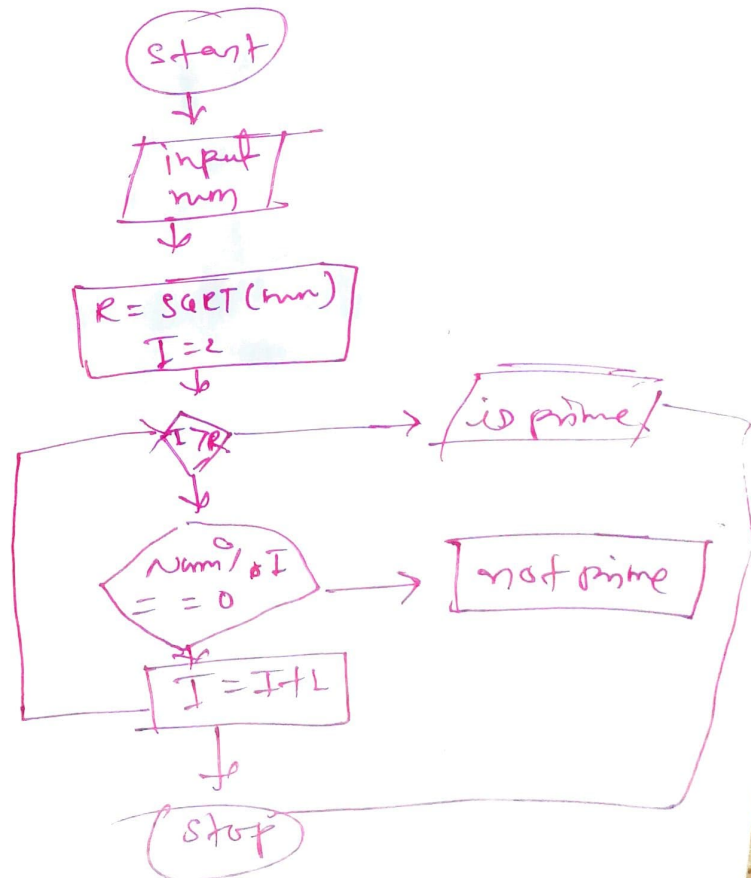
stop

endif

Step 9 $I = I + 1$

Step 10 = repeat

Step 11 = end



(f)

odd numbers backward 99 to 1

step 1 start
step 2 $a = 99$
~~if $a < 1$~~
step 3 print a
step 4 $I = I - 2$
step 5 if ($I \leq 99$)
end

