EX NO: 1

DATE : 21/09/24

Tejeshwaran-P
241801296

Algorithm:

Step 1: Start

Step 2: Read length

Step 3: calculate

area = length * length

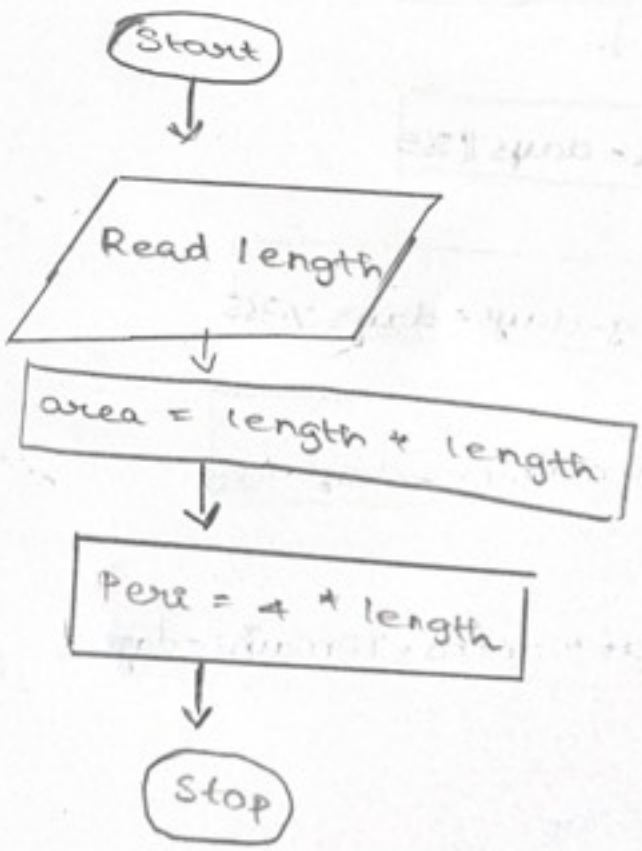
Step 4: calculate

peri = 4 * length

Step 5: print "area, peri"

Step 6: End

Flowchart:



EX NO: 2

DATE : 21/09/24

Tejeshwaran-P

241801292

Algorithm:

Step 1 : start

Step 2 : Read the given days

Step 3 : years = days / 365

Step 4 : remaining = days = days %. 365

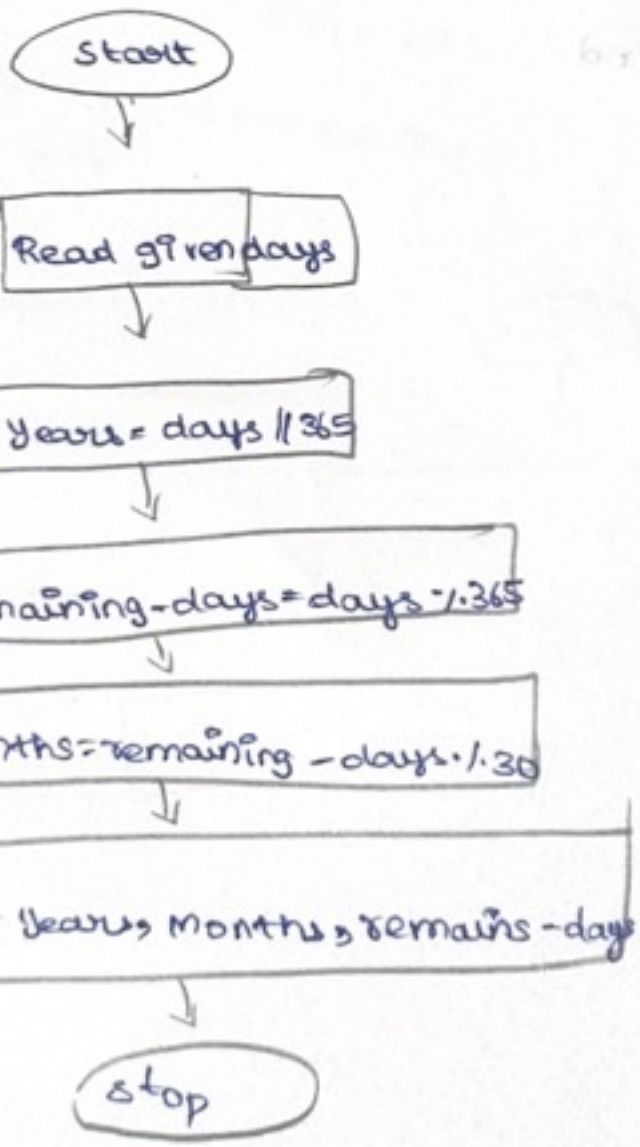
Step 5 : remaining = months - days // 30

Step 6 : remaining - days = days %. 30

Step 7 : Display years, months and remaining - days

Step 8 : Stop.

Flowchart :



EX NO : 03

DATE: 21/9/24

Tejeshwaran.p
241801293

Algorithm :

Step 1: Start

Step 2: declare i, n

Step 3: Input n

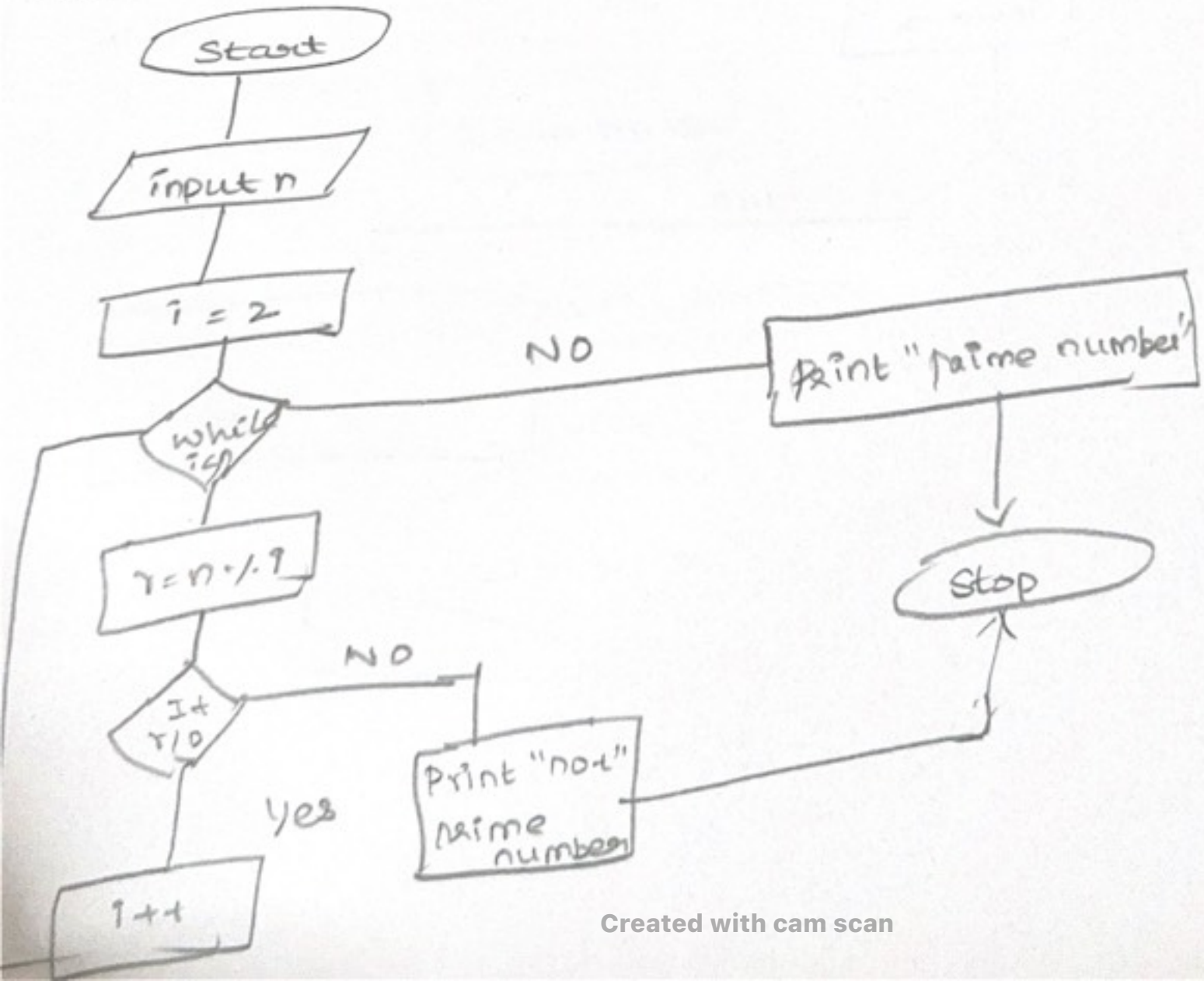
Step 4: i = 2
while i <n, otherwise goto step 5
r = n % i
Check if r != 0, then goto step 6
i++
repeat

Step 5: prints " prime number"

Step 6: "not prime number"

Step 7: stop

Flowchart:



EX NO: 1

DATE : 25/9/24

Teleshwaran.p

8418012918

Algorithm:

Step1: Start

Step2: declare a

Step3: input a

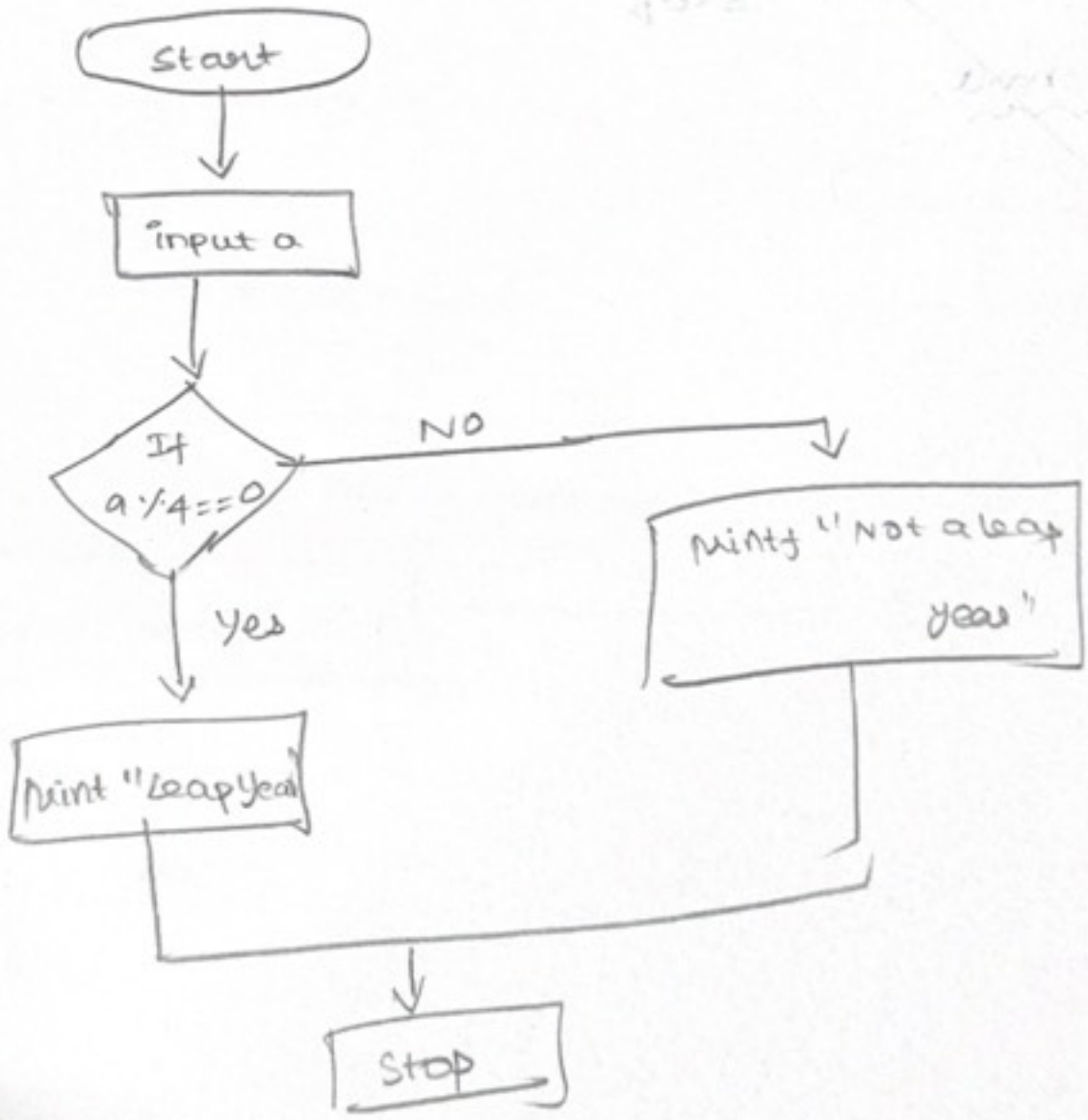
Step4: check if a%4 == 0 otherwise goto step6

Step5: Print "Leap year", goto step7.

Step6: Print "not Leap year"

Step7: Stop

Flowchart:



EX NO: 5

DATE: 25/9/24

tej eshwaran.p
241801296

Algorithm:

Step 1: Start

Step 2: Read the number

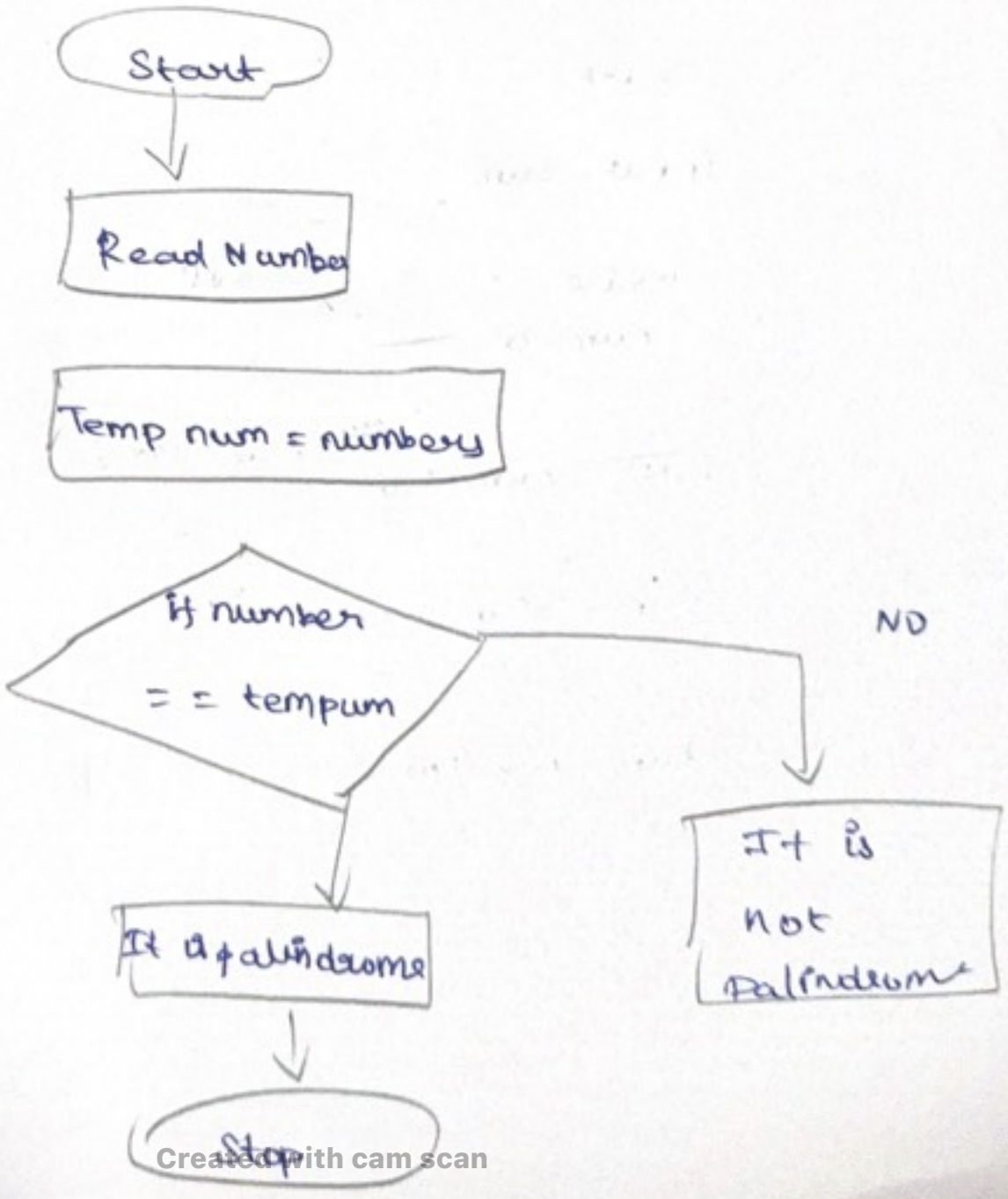
Step 3: Declare temperature = number

Step 4: Check if number = tempnum, if this is true it is a pallndrome

Step 5: If not, it is not a palindrome

Step 6: Stop

Flowchart:



EX NO: 6

DATE: 25/9/24

Tejeshwaran. p
8418012

Algorithm:

Step 1: start

step2: declare num, sum = 0, last

step3: input num

step4: while num > 0

4a: Last = num % 10

4b: sum = sum + last

4c: num = num / 10

4d: Repeat

Step 5: print sum

Step 6: Stop

Flowchart: