

1. Sum of even natural numbers upto my n terms. -> Code: n = int (inPut (" Enter an eres a number: ")) 8 vm = 0 D = 1 while i <= n: it (i 7. 2 = = 0)! Sum = Sum + i i = i+1 Print (" Sum of even numbers: " Sum) -> outfut! : 8 Sum = 20 -> Explantion Explanation n takes input from user, initialize sum = 0 & i=1 check whether it is less than or equal to n it i 1. 2 = = 0 then Print sum of even numbers. -) Flowchart:



2. Factorial of a number. -> code! n=in+linPut (" Enter a number: ")) tact = 1 hum = n while n!=0: tact = n* tact Print ("Factorial of " num " = " tact) -) OutPut: fact = 120 Flowchart -> Explanation! Start) tact = n * fact -> Explanation: n takes inlut from user, initialize fact=1 & num = h. While i is not equal to U, fact = n + fact. Then Brint factorial

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n = n 1/10
Print (" sum of digits is: " sum)

n = int CinPut ("Entor the number :"

8. Sum of digits of given number

2048 -> 14

-> OutPuts:

8 um = 0

while n! = 0:

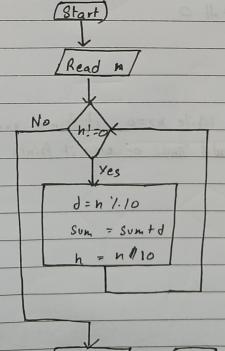
d = n 1.10

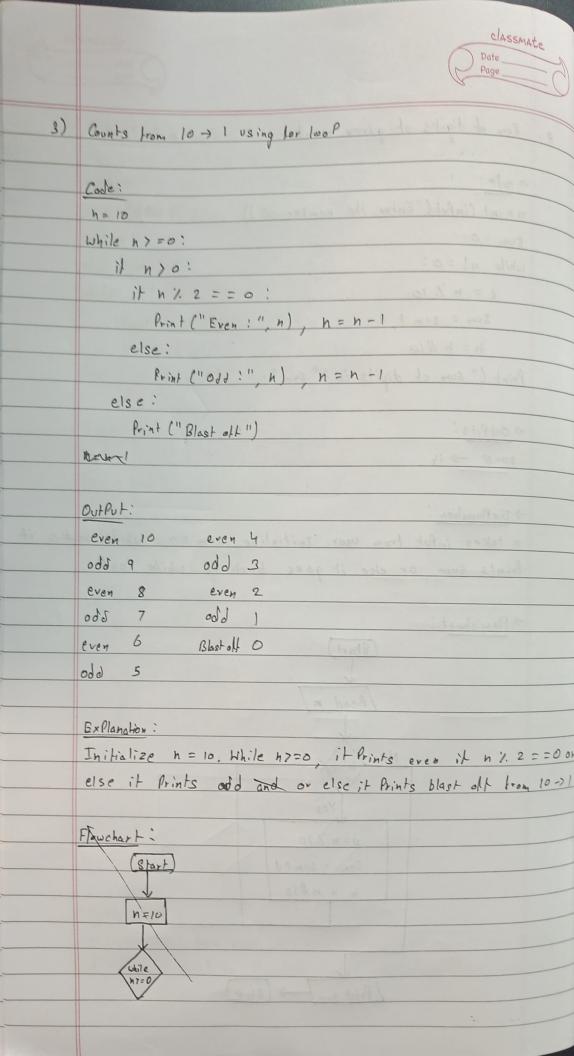
Sum = sum + d

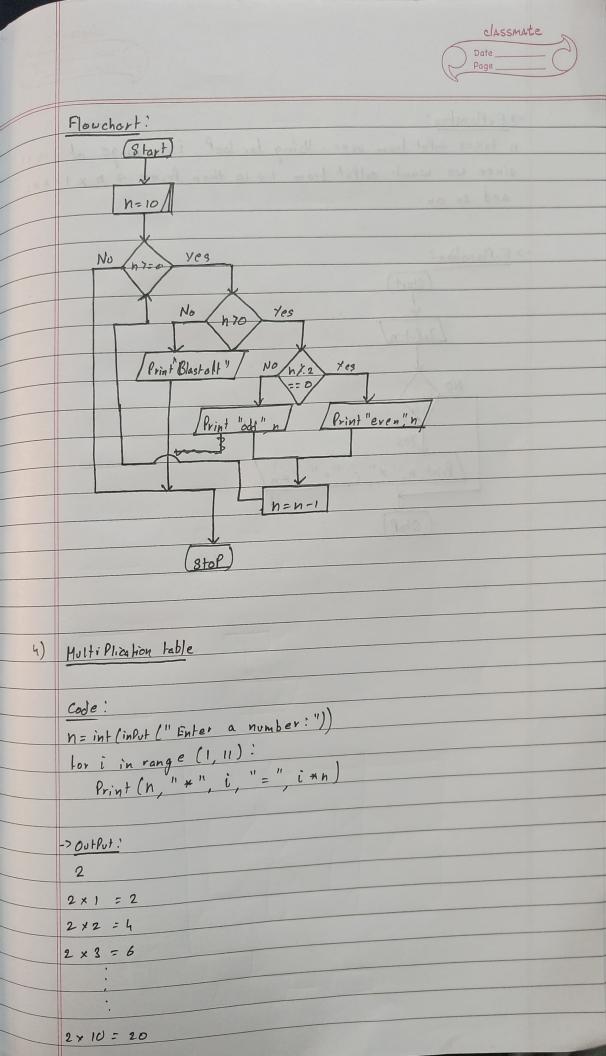
> Explanation:

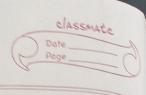
n takes input from user. Initialize sum =0. While n to it Prints sum or else it goes back to while loop.

> Flow chart:









n takes infut from veer. Using for loop, i in range of 1-211 since we want outfut from 1-> 10 then Print -> n x 1=hxi and so on.

-> Explanation:

Inlut-m

No

Stop

Stop