

5 4 3 2 N = 5 $\int v_1(5) \longrightarrow \int (4) \longrightarrow \int (3) \longrightarrow \int (2)$ fun(n) prints (n)
Jin(n-1)) if y = = /
print(')

V X F (N-1) f ('N) = F(1) = 1

Q: Sun of digits

$$N = 1342$$
 Ans = 1+3+4+2

= 10

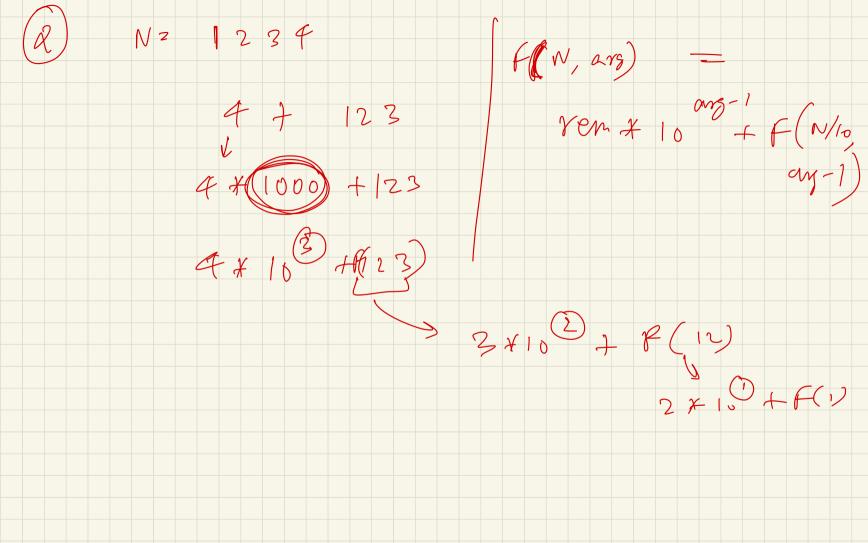
Yen = N'. 10

 $1 + F(342)$
 $N = N/10$
 134
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 134

F(1)42) vedur 2+(F(VeAvr 14+ F suntrad yint then pass

<u>C:</u> Leverse a number $N = 1824 \implies 4281$ 3 (824 —) 4 + f (182) F(N/10) 2 + F(18) 6 + F(1)F(N) = (N/10)

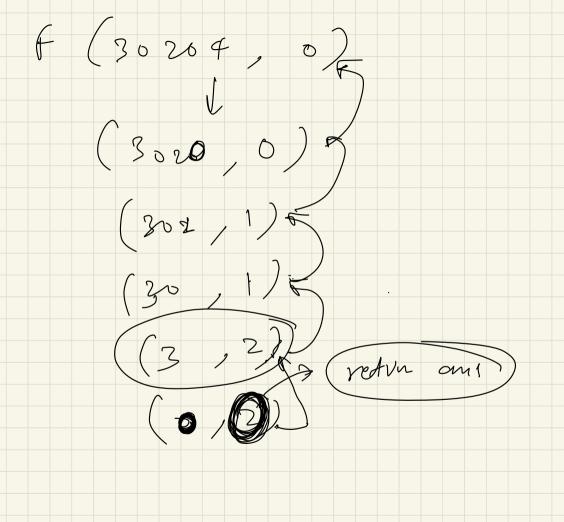
Sum = 0 Jun(N) ? 2 + K(174) 1) (N=0) } return, 24 +10 +3 Ven = 1/1.10 243) * (0+1 Sum = gim x10 + vem = 2431 Jun(~/10);



Q: Court no. of genus il a number. N = 30204 $M_1 = 2$ (1) If we take word inside argument.

F(N) (2) -> If digit = 0

F(N/6, C+1) e (se f (r/10/c) Special example to return value to above pursion calls.



$$(41,0)$$

$$(40,1)$$

$$(20,2)$$

$$(10,3)$$

$$(1,7)$$

$$(4,5) \rightarrow (2,6)$$