What a recursive function/method here, summation (int n) is a nechosine fry tion. How does it look like 777 public int summation (int n) & if (n = = 0) return 0; else return n+(n-1); This is the function 1 What is happening.

The function.

summation (3); Here, we are calling the method. "3" is an integer We are sending "3" to get it's summation till "O" the result will be "6", How? Let's see...

when we sent int n = 3 nore, (31=0) Step 1. Lif (n = = 0) retwrn 0;7 where the method stops else retwin n + summation(n-1) here

Step 2: public intermedion (n) ?

if (n = = 0) retworn 0; else retwin n + summation(n-1) $\frac{1}{2} + \frac{1}{(2-1-2)}$ public int summation (n) ξ if (x=0) return 0; be relwin n+ summation (n-1), public int Summaling fork (0==6) x petu men if (n==6) x petu set win N+ Summation (n-2), Now the method will of backward.

Step4 -> Step3 -> Step2 -> Step 1 → 1+0 → 2+1 → 3+3 Sinally we get B+B=67 the result. 0