Date: / Day - 73 Rocursión - 2 Print 1 to N * Iterative Approach =1 for (i=1; i < N; i++) contai; -) Recurive approach void Print (int num int N) { if(num == N){ cout is hum; return; cout << num exendl; Print (num +1, N); 3 int main (){ Print (1, 5); (tos we have D to write code far this only & other will handle automatically. Mathematical Function: Print (5; N) = S Print (4, N) = 4, Print (5, N)

Date: Print (3, N) = 3, Print (4, N) Print (2,1N) = 2. Print (3,N) Print (1, N) = 1, Print (2, N) Print (num, N) = num, Print (num+1, N) So if we want to do this by using only one argument then we start from hum & goes to 1 -First 4 3 1, -) after reaching one we & will start printing Void Print (int num) { (PC4) if(num ==1) { cout «1; (P(2) Printl num - 1); cout << num; Print(1) = 1 Print (2) = Print (1), 2 P(3) = P(2), 3p(y) = P(3), y p(s) = P(4), sP(N-1), N. P(N) =

Print 1 to N (Even no) H printeren (int num. int N)[if (num > N) neturni cout «humi printeven (hum + 2, N); printeven 2 (int num) { if (num == 2) {

cout « 2 « endl; return: printeren 2 (num - 2); cout « num « cendl; P(2) = 2 =) P(4) = P(2), 4 P(6) = P(64), 6 $P(n) = P(n-2) \cdot n$