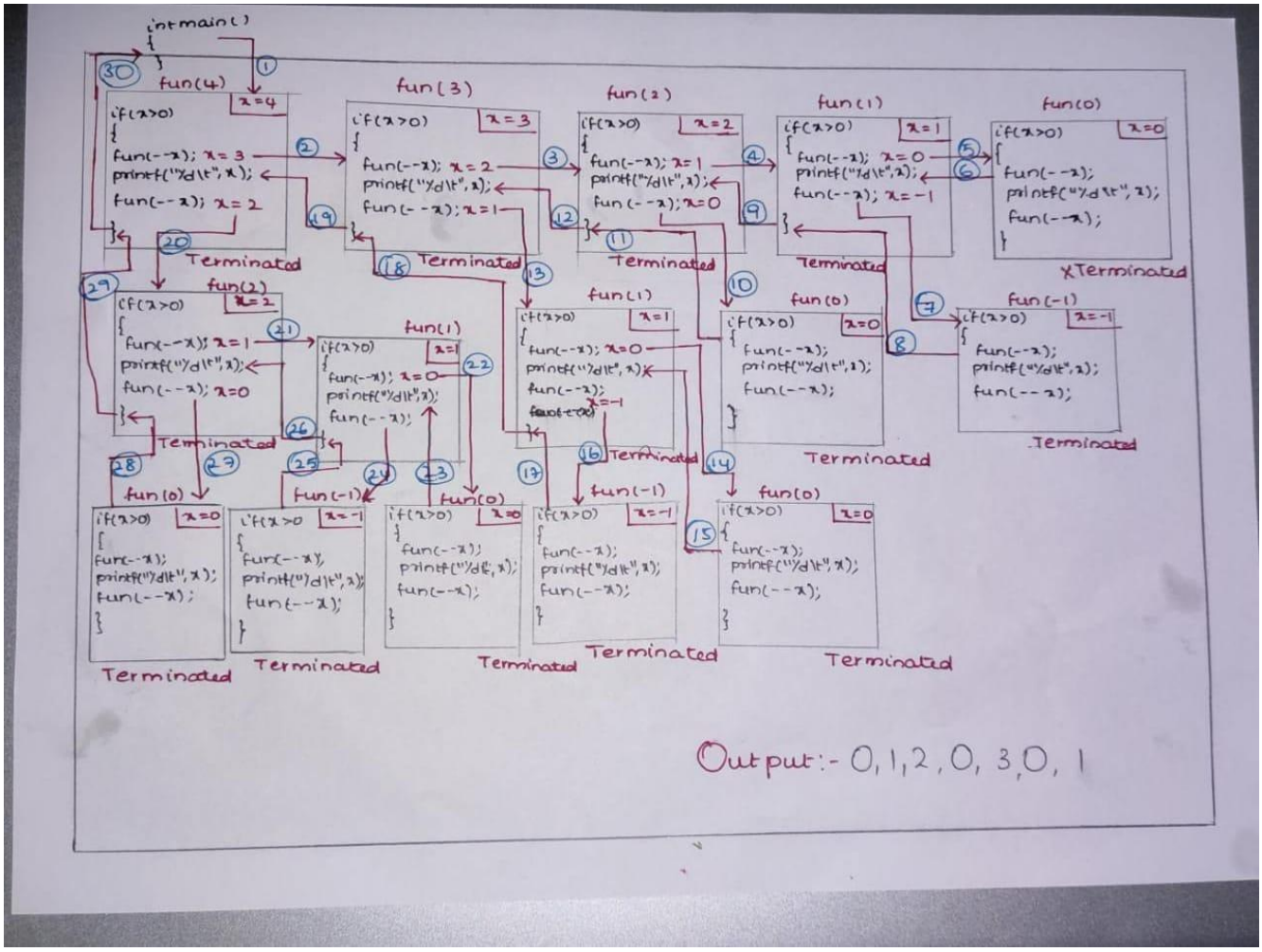

Output:- 0, 1, 2, 0, 3, 0, 1