Leetcode 22: Grenerate parentheres.

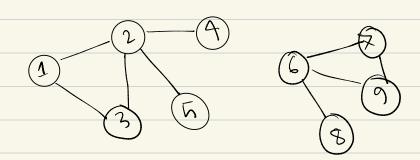
Given n, output all valid panentheres of length 2n.

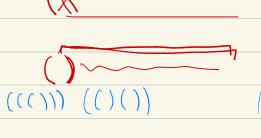
$$f(n) = f(n-1) + f(n-2) | f(0) = 0, f(1) = 1$$

$$f(n):$$

+(5)

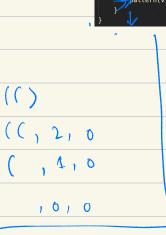
Dts:





$$\eta = 3$$







lett 2 night 0

$$f(n)=2f(n-1)+nf(n-2)+5n^2f(n-3)$$

$$\frac{3}{5} = 125$$

you have to tell me how many binary numbers can you make with n bits (0/1).

2 0's cannot be together. 011110101 60 111 00 111 Si > all valid it mays that ends with 1 110116101 010101010 52 > all valid atnings ends with o. +(n-1 f(n) = amf(n) = f(n-1) + f(n-2)+ (n-2)