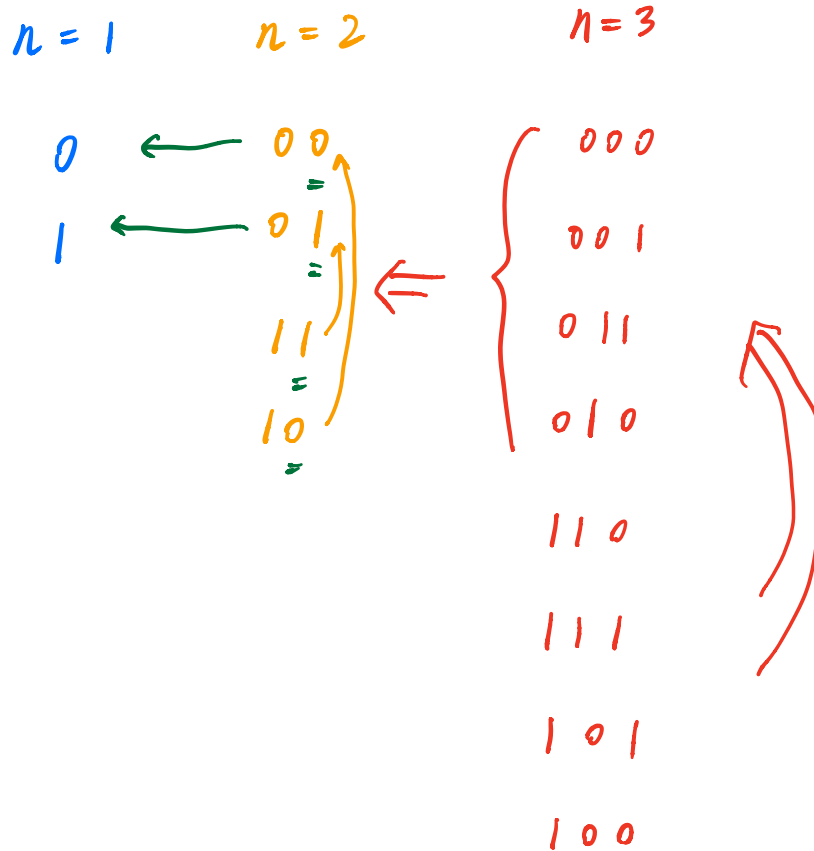


number of codes for $n-1$: 2^{n-1}

number of codes for n : 2^n



$$dp[n][i] = [dp[n-1][i], dp[n][N-1-i] \oplus 1]$$

$$0 \leq i < \frac{N}{2}$$

$$\frac{N}{2} \leq i < n$$