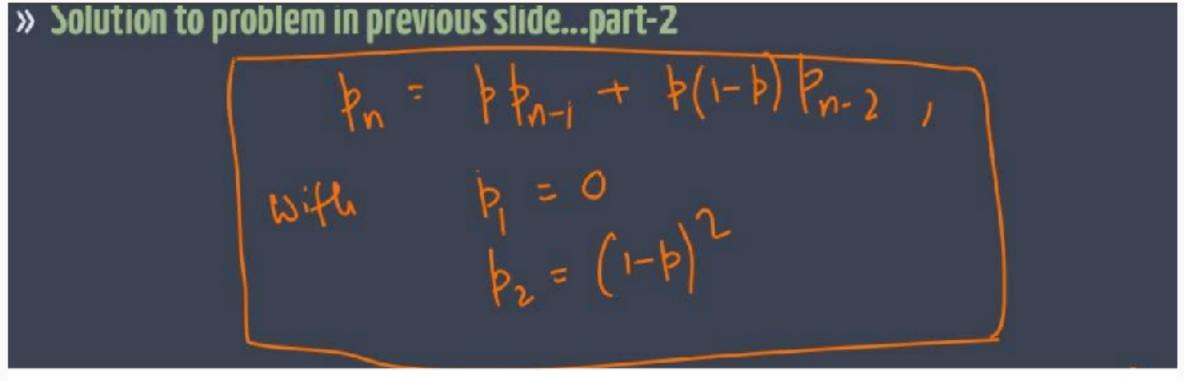


RV = no. of child w/o com



Solution for recurrence from class

A coin is tossed until two successive tails are obtained. P(heads) = p. Find the probability that experiment is completed on n-th toss.

bn -> +x1

 $1 > p > \sqrt{4p - 3p^2} > 0$