Jesse Humberd Scholarship

Turn into Dr. Johnson by 2/21/2020

PROBLEM 3: RALPH'S GAMBLING ADDICTION

Ralph inherits 2^{25} dollars from a long lost relative. He decides to gamble in a coin flipping game. The coin is fair, so the chances are 50-50. Ralph will bet half of his money on "heads" for each coin toss. After 25 tosses, Ralph has less money than when he started. What is the maximum amount of money that he could have left?