EXERCISE

Consider the following game: Two players take turns rolling a die. Both start at 0. If they roll an odd number, they advance by the number shown on the die. If they roll an even number, they advance only 2 positions. The winner is the first player to reach 50. If they land on a number divisible by 5, they return to the starting point (0). If both players end up on the same position at the same time, the player who arrived there second gets an extra roll.

Question : Would you prefer to play first? Conduct an appropriate simulation experiment to answer this question.