TURNTOTECH

Test your programming skills

The Monty Python Problem – *From Wikipedia: Suppose you're on a game show, and you're given the* choice *of three doors: Behind one door is a car; behind the others, goats. You pick a door, say No. 1, and the host, who knows what's behind the doors, opens another door, say No. 3, which has a goat. He then says to you, "Do you want to pick door No. 2?" Is it to your advantage to switch your choice?*

Write a program to come up with the best strategy. Hint: Use a random number generator and conduct a large number of experiments.