1. Write a program that simulates rolling 2 dice. Roll the 2 dice 36,000 times and keep track of how many times you get each result (i.e total of the 2 dice).

Hint: If you want a step-by-step on how to:

* 1. Create a method rollDie that uses Math.random() to pick a number from 1 to 6 and returns the number.
  2. Create a method rollDice that calls the rollDie method twice to get the total of the two dice and returns the total.
  3. Create a one dimensional array to store the number of times for each result. i.e. initially the array has all zeros. If you roll a 2, increment the 2 spot in the array so it will become 1. If you then roll another 2, increment it again so it becomes 2. If you roll a 9, increment the 9 spot.
  4. Write a loop in the main method that loops 36,000 times calling the rollDice method and tracking the results in the array.
  5. Print out how many times each total was rolled.