The Birthday Problem: with a certain number of people, what's the probability that two will have the same birthday? What's the least number of people needed so that this probability is greater than 50%?

Procedure: Run two loops, i and j. Loop i runs while the probability is less than 0.5. Loop j processes i people and returns the probability of two people having the same birthday.

[ What about 75%? 90%? Simply change the 0.5 above to reflect different set probabilities.