

This puzzle is an image which can be found in full resolution [here](#).

It was originally the first puzzle in a puzzle hunt (i.e. a chain of puzzles) that I put together in 2017, which is why it references a “Clue #2”, but it still can stand as its own work.

This puzzle itself is a Rosetta Stone that will be used for [this other puzzle](#).

The idea for this puzzle came to me while attending a Penn Masala concert, where they really did give out promo CDs with four songs on each. In reality, every CD had the same set of four songs, but I thought it would be funny if every CD had a random mix. And that got me thinking: How many CDs would I need to collect to get all twelve songs?

I was only able to arrive at an answer by writing a program that simulates the scenario tens of millions of times, but a few friends I greatly admire have come up with the exact solution.

After making the puzzle, I realized I had requested too many digits and left this note for the solvers:

I do intend for Clue #1 to be Montecarloable, but in my experience I was losing patience before getting convergence to enough decimal places, so I’ll give you the last two digits of the password: 38. Still way more impressive if you can solve it with math. (I couldn’t! Had to get a friend’s help for the exact answer.)

The answer is inside this box in white text, which you can highlight to reveal. If you are using a screen reader, know that only spoilers follow.

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#           #  
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