Putting it together

Now you have:

- `generate_brownian_asset_price` to randomly generate a price based on some riks (or volatility)
- `call_payout` to calculate the payout for this price

Do the following:

- Randomly generate a bunch of payouts
- Calculate the average payout
- Scale this average payout by a *discount factor*, the amount of interest: e^{-rT} .

What is the price we should pay for this option?

Plot the prices over the simulations