

Suppose we want to simulate the probability of flipping a fair coin 20 times, and getting a number greater than or equal to 15. Use `np.random.binomial(n, p, size)` to do 10000 simulations of flipping a fair coin 20 times, then see what proportion of the simulations are 15 or greater.

```
1 x = np.random.binomial(20, .5, 10000)
2 print((x>=15).mean())
3
4 np.random.binomial(20, 0.5)/20
```

Run

Reset

```
0.0198
0
```