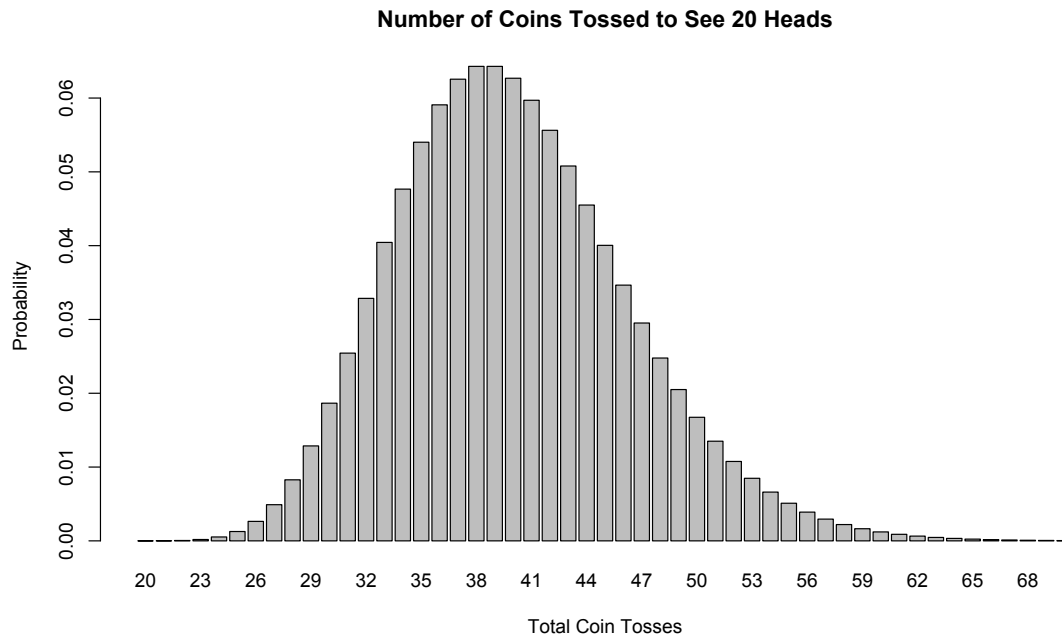


Problem Sheet 2

Tossing a fair coin until we see 20 Heads (and then stopping):



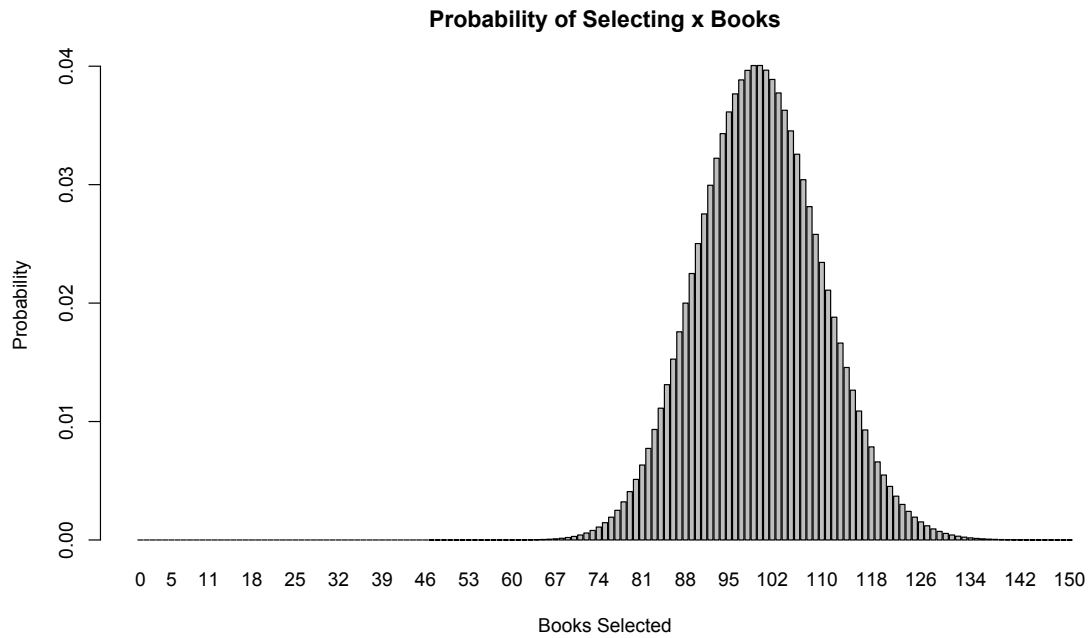
The expected number of coin tosses is 39.99.

The probability of tossing the coin more than 50 times is 0.07612087.

The probability of tossing the coin less than 30 times is 0.03071417.

The Probability of selecting 0-150 books from 10000.

Binomial Distribution:



Poisson Distribution

