R Code for Examples in the book
"Statistics: The Art and Science of Learning from Data"
by Agresti, Franklin and Klingenberg, 5th edition

Chapter 6

Example 13: Testing for Gender Bias – Binomial Distribution

To find the probability that 0 women from the management training pool of size 10 are selected for promotion assuming no gender bias

```
dbinom(0, size = 10, prob = 0.5)

## [1] 0.0009765625
```