Homework 0 template

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1 Coinflip Trivia

Write formula as you would in LaTeX

$$\mathbb{P}(HT|T) = p.$$

2 Exchangeability

2.1 Use subsections for sub-questions

2.2 Match the sub-question labels

This question has 2 sub-questions

3 Gamma-Poisson

We strongly recommend following style guide for code chuncks. See, for example, Advanced R [http://adv-r.had.co.nz/Style.html], or Google's R stype guide [https://google.github.io/styleguide/Rguide.xml].

Always set seed in your simulation

```
set.seed(123)
(N <- rpois(n = 1, lambda = 5))
## [1] 4</pre>
```

4 Gaussian Example

Always label axes in your plots

