

# Homework 0

Nora Quick

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## R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.

## A sample question

Fill in your name between the quotes ":

```
name <- "Nora"
name
```

```
## [1] "Nora"
```

Here's another code chunk, you don't need to edit it, just run it:

```
chars <- strsplit(name, split = "")[[1]]
chars <- chars[chars != " "]
prop_vowels <- mean(grepl("[aeiouAEIOU]", chars))
prop_vowels
```

```
## [1] 0.5
```

The name, Nora, is 50% vowels.

## Some details on your R install

```
# sessionInfo() gives information about your R version,
# so I can check you have everything you need
sessionInfo()
```

```
## R version 4.0.5 (2021-03-31)
## Platform: x86_64-redhat-linux-gnu (64-bit)
## Running under: CentOS Linux 8
##
## Matrix products: default
## BLAS/LAPACK: /usr/lib64/libopenblas-r0.3.12.so
```

```
##
## locale:
## [1] LC_CTYPE=en_US.UTF-8      LC_NUMERIC=C
## [3] LC_TIME=en_US.UTF-8      LC_COLLATE=en_US.UTF-8
## [5] LC_MONETARY=en_US.UTF-8  LC_MESSAGES=en_US.UTF-8
## [7] LC_PAPER=en_US.UTF-8     LC_NAME=C
## [9] LC_ADDRESS=C             LC_TELEPHONE=C
## [11] LC_MEASUREMENT=en_US.UTF-8 LC_IDENTIFICATION=C
##
## attached base packages:
## [1] stats      graphics  grDevices  utils      datasets  methods    base
##
## loaded via a namespace (and not attached):
## [1] compiler_4.0.5  magrittr_2.0.1  fastmap_1.1.0  tools_4.0.5
## [5] htmltools_0.5.2 yaml_2.2.1      stringi_1.7.4  rmarkdown_2.11
## [9] knitr_1.34      stringr_1.4.0   xfun_0.26      digest_0.6.28
## [13] rlang_0.4.11    evaluate_0.14
```