

R Markdown Homework Template

NAME HERE

TODAY'S DATE HERE

Load your Libraries

Always load your libraries in this first section!

```
library(tidyverse)
```

```
## -- Attaching packages ----- tidyverse 1.3.1 --
```

```
## v ggplot2 3.3.5    v purrr   0.3.4
## v tibble  3.1.6    v dplyr  1.0.7
## v tidyr   1.1.4    v stringr 1.4.0
## v readr   2.1.0    v forcats 0.5.1
```

```
## -- Conflicts ----- tidyverse_conflicts() --
```

```
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()     masks stats::lag()
```

1. “PROBLEM NUMBER ONE”

This is a simple homework assignment template. Notice that in the previous line we can create a header for our problem number by using a single “#”. The text is then automatically bolded and indented. Below we will create a sublist. This should be used if problems have more than one part.

a. “PROBLEM NUMBER ONE, PART A”

b.

c.

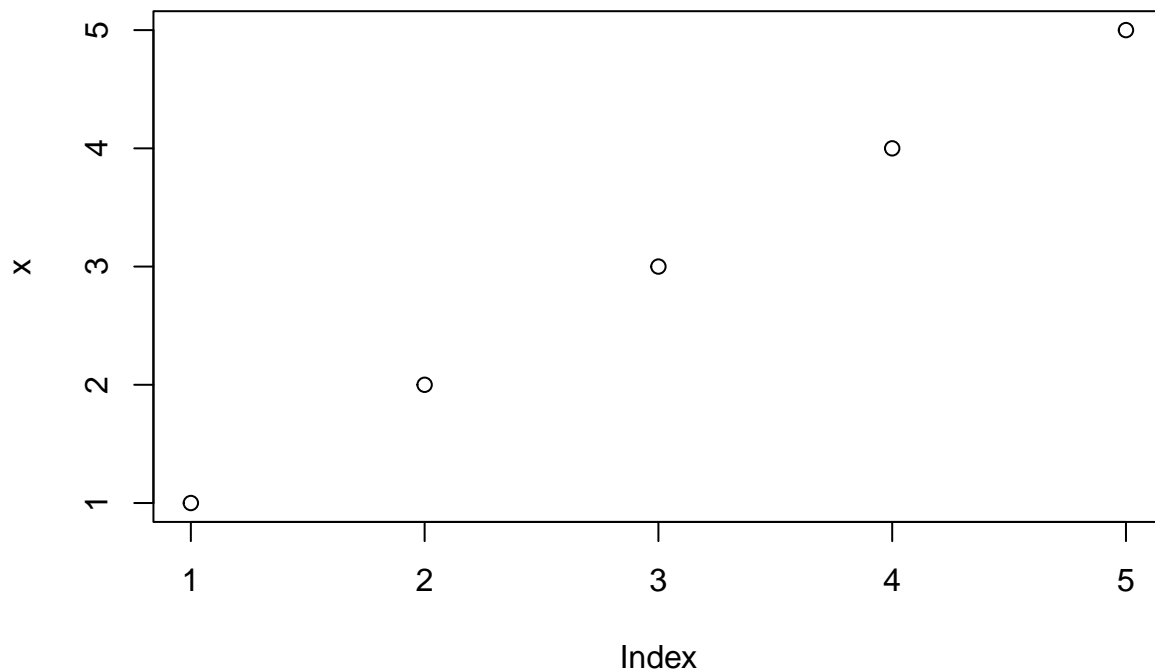
d.

e.

2. “PROBLEM NUMBER TWO”

Suppose we need to input an R chunk into our homework file. In this case, the following syntax should be used. Note that “`'''`” signifies we are include chunks of code (We may also tweak the options as necessary).

```
# input R code here. Examples: define R list  
x = c(1, 2, 3, 4, 5)  
# make plot  
plot(x)
```



Below the R code, we can provide additional descriptions and/or explain our code more thoroughly.

3. “AND REPEAT...”

```
# again, we can input our R code here.
```

Session Info

Always leave this section in so I can see what packages you have loaded to help debug any errors.

```
sessionInfo()
```

```
## R version 4.1.2 (2021-11-01)
## Platform: x86_64-apple-darwin17.0 (64-bit)
## Running under: macOS Big Sur 10.16
##
## Matrix products: default
## BLAS:   /Library/Frameworks/R.framework/Versions/4.1/Resources/lib/libRblas.0.dylib
## LAPACK: /Library/Frameworks/R.framework/Versions/4.1/Resources/lib/libRlapack.dylib
##
## locale:
## [1] en_US.UTF-8/en_US.UTF-8/en_US.UTF-8/C/en_US.UTF-8/en_US.UTF-8
##
## attached base packages:
## [1] stats      graphics  grDevices  utils      datasets  methods   base
##
## other attached packages:
## [1] forcats_0.5.1  stringr_1.4.0  dplyr_1.0.7    purrr_0.3.4
## [5] readr_2.1.0    tidyr_1.1.4    tibble_3.1.6   ggplot2_3.3.5
## [9] tidyverse_1.3.1
##
## loaded via a namespace (and not attached):
## [1] tidyselect_1.1.1 xfun_0.28      haven_2.4.3    colorspace_2.0-2
## [5] vctrs_0.3.8      generics_0.1.1 htmltools_0.5.2 yaml_2.2.1
## [9] utf8_1.2.2       rlang_0.4.12  pillar_1.6.4   glue_1.5.0
## [13] withr_2.4.2      DBI_1.1.1     dbplyr_2.1.1   modelr_0.1.8
## [17] readxl_1.3.1     lifecycle_1.0.1 munsell_0.5.0  gtable_0.3.0
## [21] cellranger_1.1.0 rvest_1.0.2    evaluate_0.14  knitr_1.36
## [25] tzdb_0.2.0       fastmap_1.1.0 fansi_0.5.0    highr_0.9
## [29] broom_0.7.10     Rcpp_1.0.7     scales_1.1.1   backports_1.4.0
## [33] formatR_1.11     jsonlite_1.7.2 fs_1.5.0       hms_1.1.1
## [37] digest_0.6.28    stringi_1.7.5  grid_4.1.2     cli_3.1.0
## [41] tools_4.1.2      magrittr_2.0.1 crayon_1.4.2   pkgconfig_2.0.3
## [45] ellipsis_0.3.2   xml2_1.3.2     reprex_2.0.1   lubridate_1.8.0
## [49] rstudioapi_0.13  assertthat_0.2.1 rmarkdown_2.11 httr_1.4.2
## [53] R6_2.5.1         compiler_4.1.2
```