

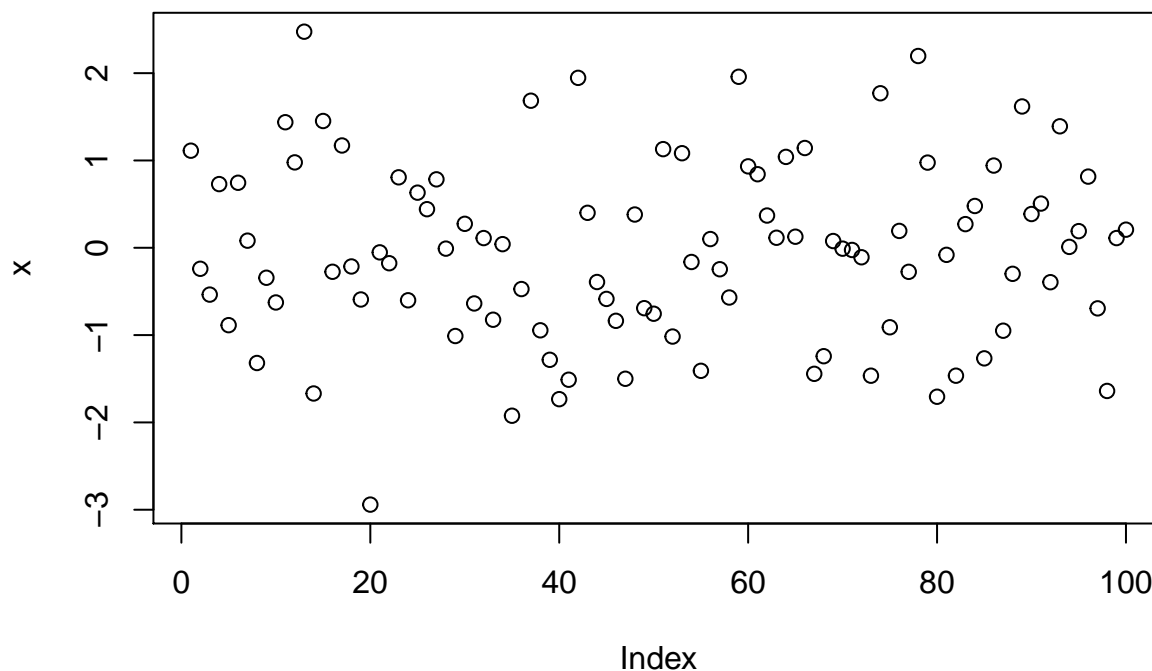
R markdown lab

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1. Try compiling this document using the “Knit HTML” button. What files are produced?
2. Edit the output to be “pdf_document” and recompile with the Knit button. What files are produced?
3. Edit the output to be “word_document” and recompile. What files are produced?
4. What does the label “chunk1” do in the following code chunk?

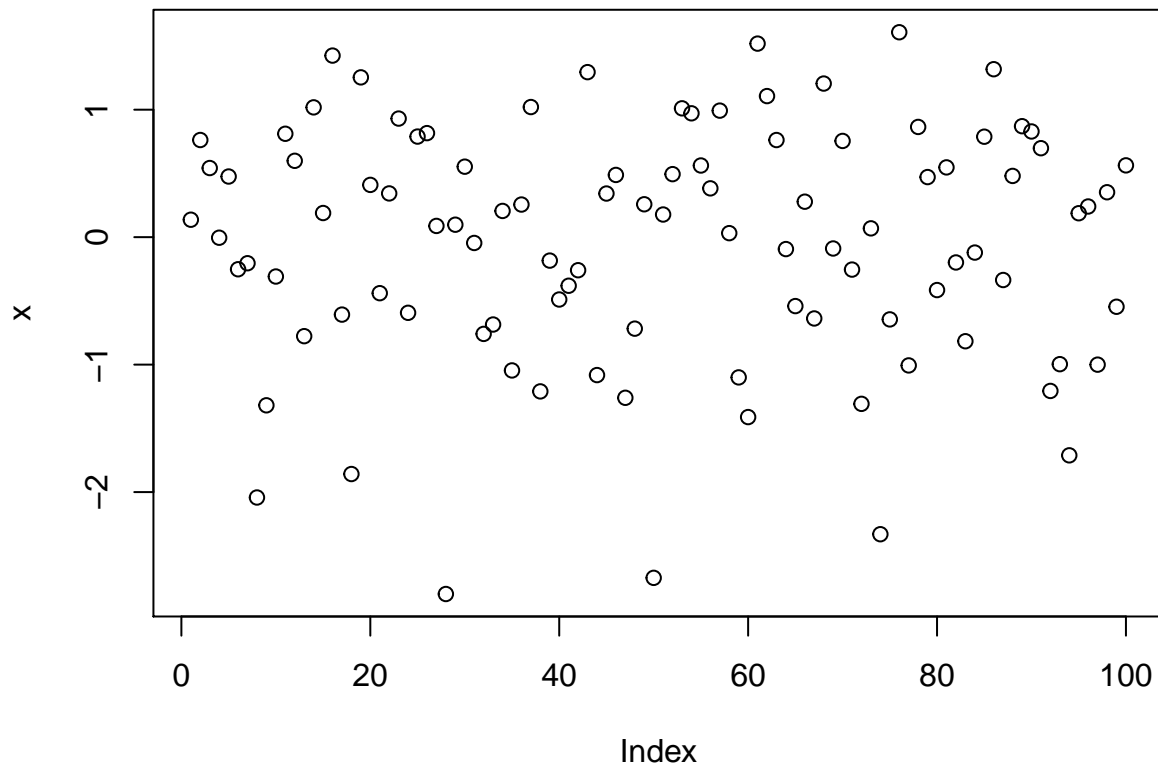
```
x = rnorm(100)
plot(x)
```



This is a primary header. Add a secondary header with `##` on the line below and recompile.

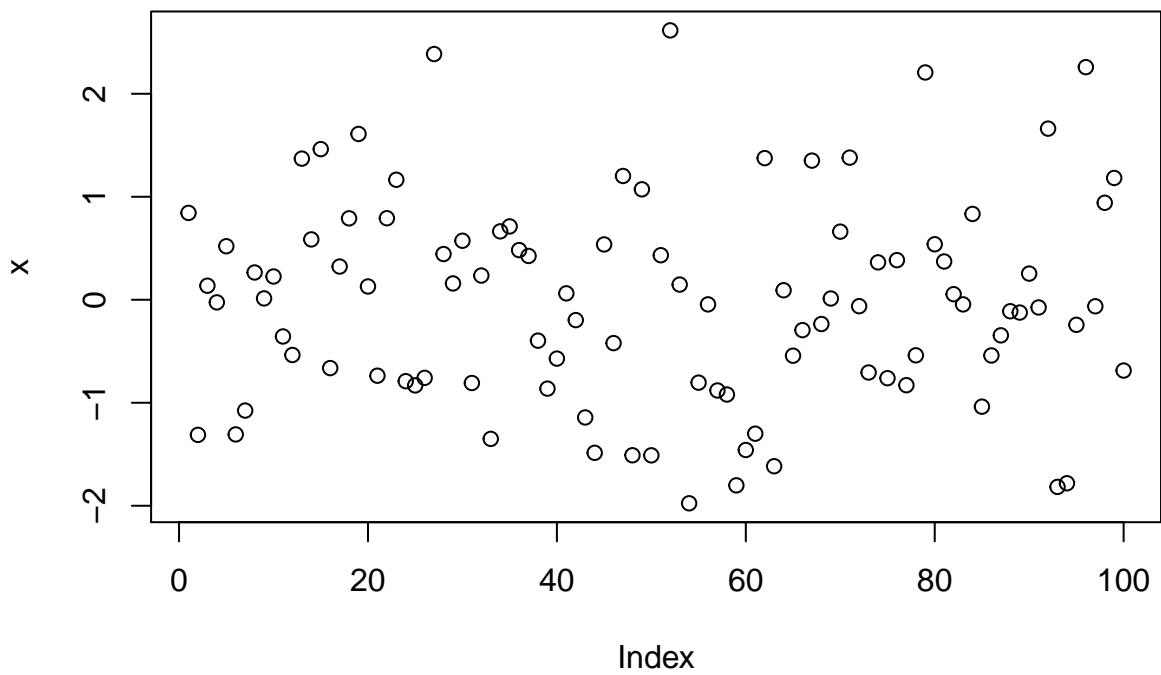
5. Change `fig.height` to something larger/smaller and see what happens

```
x = rnorm(100)
plot(x)
```

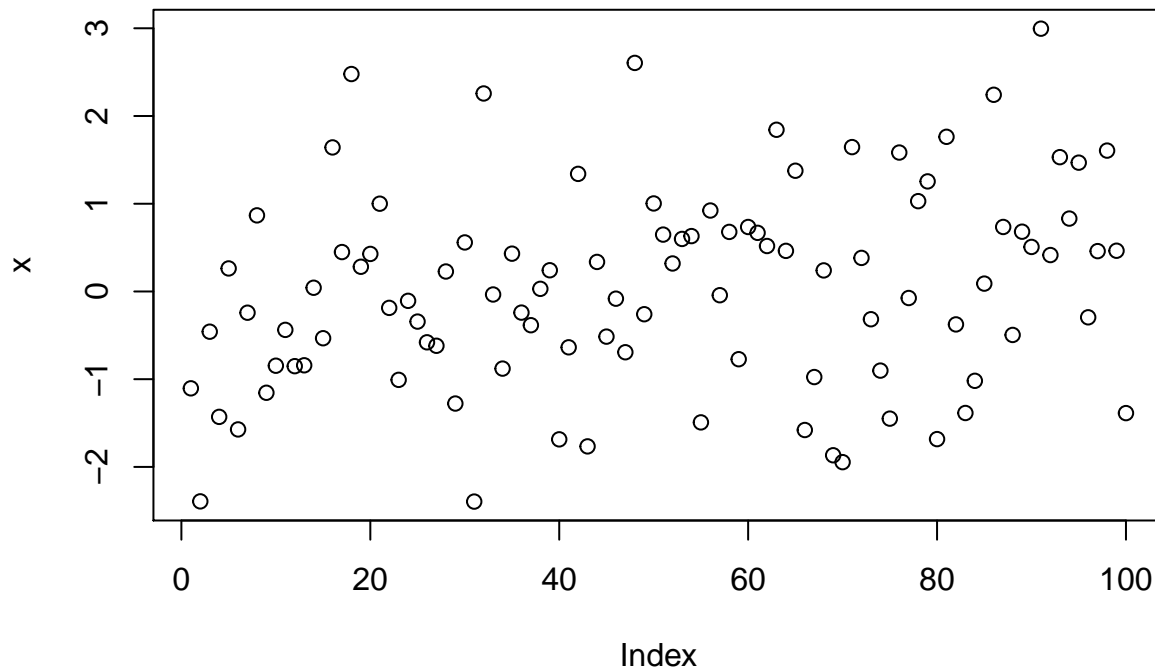


6. Add a chunk option of `fig.align="center"` to center this plot

```
x = rnorm(100)
plot(x)
```



7. Add a chunk option of `echo=FALSE` and see what happens



8. Uncomment this code and recompile the document. Then add a chunk command `cache=TRUE` and recompile. What files are created? Try compiling one more time.

```
Sys.sleep(10)
```

9. Check out the docs at: <http://rmarkdown.rstudio.com/> and look under formats. See if you can create and compile an R markdown presentation.

10. Add the command `devtools::session_info()` to this chunk and look at the output

```
devtools::session_info()
```

```
## Session info -----
## setting value
## version R version 3.3.2 (2016-10-31)
## system x86_64, darwin13.4.0
## ui X11
## language (EN)
## collate en_US.UTF-8
## tz America/Chicago
## date 2017-07-10
## Packages -----
## package * version date source
## backports 1.1.0 2017-05-22 CRAN (R 3.3.2)
## base * 3.3.2 2016-10-31 local
## codetools 0.2-15 2016-10-05 CRAN (R 3.3.2)
## datasets * 3.3.2 2016-10-31 local
## devtools 1.13.2 2017-06-02 CRAN (R 3.3.2)
## digest 0.6.12 2017-01-27 cran (@0.6.12)
## evaluate 0.10 2016-10-11 cran (@0.10)
## graphics * 3.3.2 2016-10-31 local
## grDevices * 3.3.2 2016-10-31 local
## htmltools 0.3.6 2017-04-28 CRAN (R 3.3.2)
```

```

## knitr      1.16      2017-05-18 CRAN (R 3.3.2)
## magrittr   1.5       2014-11-22 CRAN (R 3.3.0)
## memoise    1.1.0     2017-04-21 CRAN (R 3.3.2)
## methods    * 3.3.2    2016-10-31 local
## Rcpp        0.12.11  2017-05-22 CRAN (R 3.3.2)
## rmarkdown  1.6       2017-06-15 CRAN (R 3.3.2)
## rprojroot   1.2      2017-01-16 CRAN (R 3.3.2)
## stats       * 3.3.2    2016-10-31 local
## stringi     1.1.5     2017-04-07 CRAN (R 3.3.2)
## stringr     1.2.0     2017-02-18 CRAN (R 3.3.2)
## tools       3.3.2     2016-10-31 local
## utils       * 3.3.2    2016-10-31 local
## withr       1.0.2     2016-06-20 CRAN (R 3.3.0)
## yaml        2.1.14    2016-11-12 cran (@2.1.14)

```