

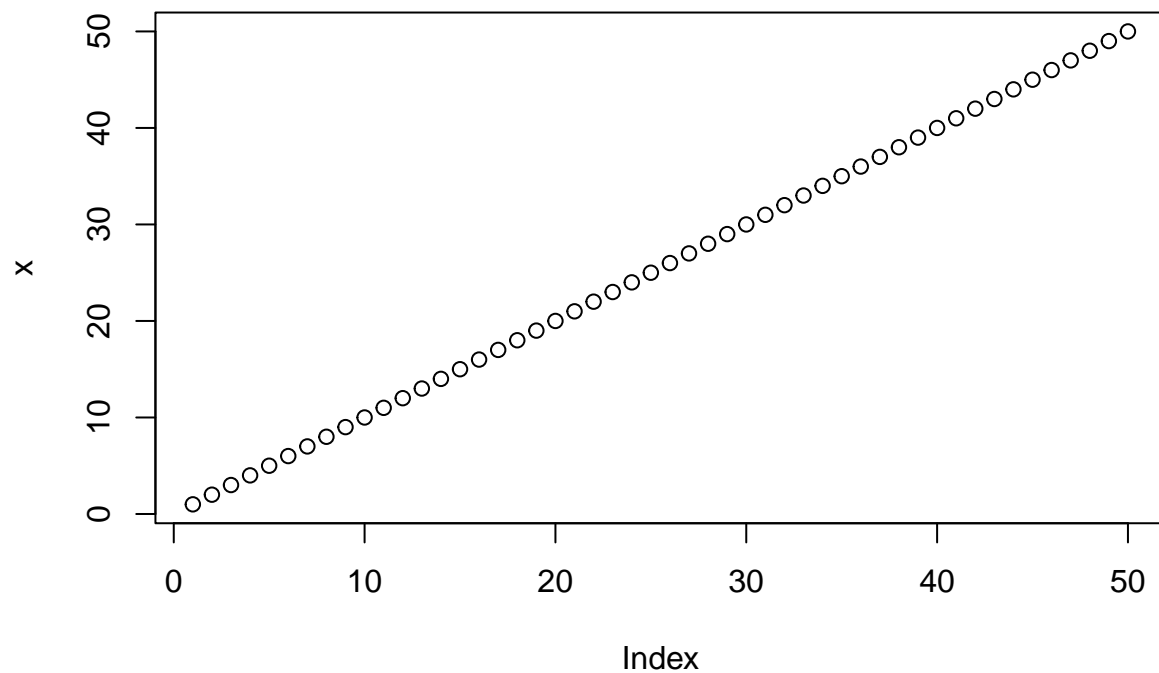
## lab 04

sylvia ho

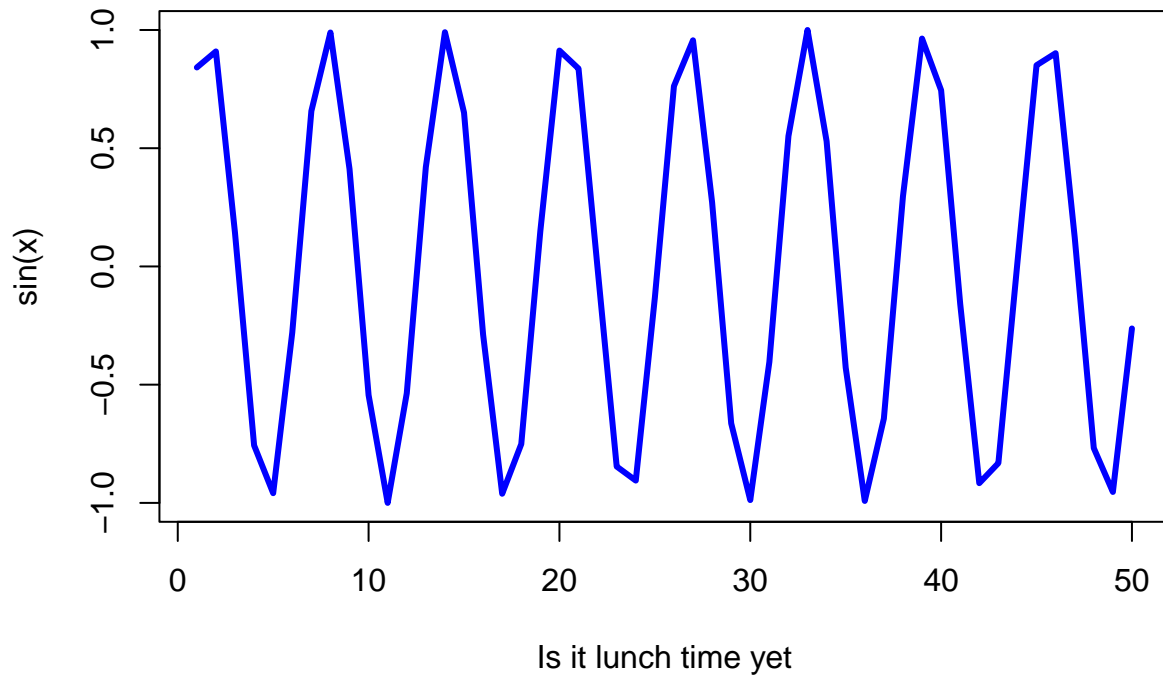
1/16/26

```
## -- Attaching core tidyverse packages ----- tidyverse 2.0.0 --
## v dplyr      1.1.4      v readr      2.1.6
## v forcats    1.0.1      v stringr   1.6.0
## v ggplot2     4.0.1      v tibble    3.3.1
## v lubridate  1.9.4      v tidyr     1.3.2
## v purrr       1.2.1
## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()     masks stats::lag()
## i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become errors

x<- 1:50
plot(x)
```



```
plot (x,sin(x), typ= "l", col = "blue", lwd = 3,
xlab = "Is it lunch time yet")
```



```
install.packages("tinytex")
```

```
## Error in 'contrib.url()':  
## ! trying to use CRAN without setting a mirror
```

```
tinytex::install_tinytex()
```

```
## Found '/usr/local/bin/tlmgr', which indicates a LaTeX distribution may have existed in the system.
```

```
## Error in 'tinytex::install_tinytex()':  
## ! If you want to force installing TinyTeX anyway, use tinytex::install_tinytex(force = TRUE).
```

```
source("http://thegrantlab.org/misc/cdc.R")
```

```
q1<- tail(cdcweight)q1q2 <- <- ggplot(data = cdc,aes(x = height,y = weight)) + geom_point(color =  
"blue") + ggtitle("weight(lb)vsheight(in)") + xlab("height(in)") + ylab("weight(lb)")q2weight_kg <  
-cdcweight * 0.453592
```