

namingAFunctionExercise

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R Markdown

Excercise 3:

read the source code for each of the following three functions, puzzle out what they do, and then brainstorm better names.

I Suck At Coding

```
f1 <- function(string, prefix) {substr(string, 1, nchar(prefix)) == prefix}
```

After multiple attempts and trying to figure this out, I understood the general idea, but I googled the actual function and eventually found,

[**CLICK FOR SOLUTION**](<https://jrnold.github.io/r4ds-exercise-solutions/functions.html>)

You have to scroll down a bit, but it's there. Below is an example of my trial-and-error approach.

EXPLANATION

EXTRAIncidentally, you have to knit this to word if you are calling an image from a web link. PDF doesn't like the image links.

Frustratingly, when knitting to a Word document, Word places the image exactly where you want it, in your R markdown. However...to knit to a pdf, Latex kicks in and floats the image to the next page regardless of what you want.

Above is some code in my attempt to override Latex, however I'm not having much luck and getting annoyed, so I'm moving on to the next function excercise.

```

> f1 <- function(string, prefix { substr(string, 1, nchar(prefix)) == prefix}
Error: unexpected '{' in "f1 <- function(string, prefix {"
> f1 <- function(string, prefix) {substr(string, 1, nchar(prefix)) == prefix}
> f1(rolling On the floor, mister)
Error: unexpected symbol in "f1(rolling On"
> f1(rollingOnthefloor, mister)
Error in substr(string, 1, nchar(prefix)) :
  object 'rollingOnthefloor' not found
> f1("rollingOnthefloor", "mister")
[1] FALSE
> f1("rollingOnthefloor", 4567)
[1] FALSE
> f1("weret", 5)
[1] FALSE
> f1("rollingonthefloor", 5)
[1] FALSE
> f1("rollingonthefloor", "rolltogether")
[1] FALSE
> f1(c("rollingonthefloor", "rolltogether", nothing), "roll")
Error in substr(string, 1, nchar(prefix)) : object 'nothing' not found
> f1(c("rollingonthefloor", "rolltogether", "nothing"), "roll")
[1] TRUE TRUE FALSE
>

```

Figure 1: Manipulating Latex Float