CompStat/R - Paper 2

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Part I: Functions

Functions I

Below we define a function `dropNa` which given an atomic vector `x` as argument, returns `x` after removing missing values.

```
dropNa <- function(x) {
  # expects an atomic vector as an argument and returns it without missing
  # values
  #
  # Args:
  #   x: atomic vector
  #
  # Returns:
  #   The atomic vector x without missing values

  # To remove the NAs, we use simple logical subsetting
  y <- x[!is.na(x)]
  y
}
```

Let's test our implementation with the following line of code:

```
all.equal(dropNa(c(1, 2, 3, NA, 1, 2, 3)), c(1, 2, 3, 1, 2, 3))
```

```
## [1] TRUE
```

As we can see from this positive test, our implementation was successful.

Functions II

Functions III

Part II: Scoping and related topics

Scoping I

Scoping II

Scoping III

Dynamic lookup