

Basic R Package Assignment

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Problem 1:

create a simple R package called `forloops` that reproduces some Base R functions using for-loops.

Part a:

- Create a folder called “forloop”, set the working directory to this folder

Part b:

- In the R sub-directory create a R script called `practice`

Part c:

- Build a function inside of R script `practice` called `col_means()` that will take as input a data frame and return a vector of column means. We will not use the `colMeans()` function from `{base}` package.

Part d:

- Build a function inside of R script `practice` called `count_na()` that will use a for-loop to count how many NA's there are in a vector.

Part e:

- Create documentation for each functions that you have in your R script. Then load the package and type `?col_means` and then `?count_na`.

Part f:

- In your R studio move to Terminal and type `ls`, it will show the list of all files and folders that you have in your working directory `forloops`.