# 2-4 custom functions

*Levente Orban*

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R comes with lots of great built-in functions like `r, eval=F, echo=T mean()`, `r, eval=F, echo=T sd()`, or `r, eval=F, echo=T median()`, but you may find the need for computations that do not have built-in functions. The good news is that you can create your own custom function that behaves and acts just like a built-in R function.

To start one, you need the following structure:

```
myFunction = function(someLocalVariable) {

  ## your stuff can go here

}
```

Later, you can call your function later in your code the following ways:

```
myFunction(data)
```

or

```
apply(data, 2, myFunction)
```

## Exercises

1. Implement your own version of the mean function. Make sure its name is distinct from the built-in function's name
2. Implement a S.E.M. function