

Chapter 3 - Data Transformation with dplyr

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Exercise 5

Upload packages

```
library(dplyr)
```

5. What does `1:3 + 1:10` return? Why?

Let `x` and `y`, be the vector represented by

```
x<-1:3  
y<-1:10  
  
x
```

```
## [1] 1 2 3
```

```
y
```

```
## [1] 1 2 3 4 5 6 7 8 9 10
```

Summing this two vectors, we obtain

```
x+y
```

```
## Warning in x + y: comprimento do objeto maior não é múltiplo do comprimento do  
## objeto menor
```

```
## [1] 2 4 6 5 7 9 8 10 12 11
```

This operation gives the warning message: "longer object length is not a multiple of shorter object length".

In this case, these two vectors are not the same dimension, hence, the vector `x` restart from the beginning to complete the vectorial sum.