

# Hw 1 Coding 1

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## Clear the environment

```
rm(list = ls())
```

Creating a string variable which states that this is my first assignment in R, but that is not true. This is however my first assignment in R Markdown.

```
str_var = 'This is my first assignment in RMarkdown!'
```

```
#Checking to make sure that I have a string variable
```

```
typeof(str_var)
```

```
## [1] "character"
```

```
#Create a vector 'v', which contains: 3, 363, 777, 2021, -987 and Inf
```

```
v = c(3, 363, 777, 2021, -987, Inf)
```

```
#Not part of the assignment but let's check to see what this is
```

```
typeof(v)
```

```
## [1] "double"
```

```
#Now let's multiply this vector with 10
```

```
v_10 = v*10
```

```
#Create a list, which contains str_var and v
```

```
mL = list(str_var, v)
```

```
#Get the value of 'Inf' out of this 'mL' variable with indexing
```

```
typeof(mL[[2]][6])
```

```
## [1] "double"
```

```
#Decide whether the former extracted value is infinite or not. If false it is infinite
```

```
is.finite(mL[[2]][6])
```

```
## [1] FALSE
```

```
Inf == mL[[2]][6]
```

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