

December 11, 2022

The results below are generated from an R script.

```
# Assignment: ASSIGNMENT 0

# Name: Rodriguez, Felipe

# Date: 2022-12-11

# Basics

## Add 8 and 5

8 + 5

## [1] 13

## Subtract 6 from 22

22 - 6

## [1] 16

## Multiply 6 by 7

6 * 7

## [1] 42

## Add 4 to 6 and divide the result by 2

(4 + 6) / 2

## [1] 5

## Compute 5 modulo 2

5 %% 2

## [1] 1

## Assign the value 82 to the variable x

## Print x

x <- 82
x

## [1] 82
```

```

## Assign the value 41 to the variable y

## Print y

y <- 41
y

## [1] 41

## Assign the output of x + y to the variable z

## Print z

z <- x + y
z

## [1] 123

## Assign the string value "DSC520" to the variable class_name

## Print the value of class_name

class_name <- "DSC520"
class_name

## [1] "DSC520"

## Assign the string value of TRUE to the variable is_good

## Print the value of is_good

is_good <- TRUE
is_good

## [1] TRUE

## Check the class of the variable is_good using the 'class()' function

class(is_good)

## [1] "logical"

## Check the class of the variable z using the 'class()' function

class(z)

## [1] "numeric"

## Check the class of the variable class_name using the class() function

class(class_name)

## [1] "character"

```

The R session information (including the OS info, R version and all packages used):

```

sessionInfo()

## R version 4.2.2 (2022-10-31)
## Platform: aarch64-apple-darwin20 (64-bit)
## Running under: macOS Monterey 12.5.1
##
## Matrix products: default
## LAPACK: /Library/Frameworks/R.framework/Versions/4.2-arm64/Resources/lib/libRlapack.dylib
##
## locale:
## [1] en_US.UTF-8/en_US.UTF-8/en_US.UTF-8/C/en_US.UTF-8/en_US.UTF-8
##
## attached base packages:
## [1] stats      graphics  grDevices  utils      datasets  methods   base
##
## other attached packages:
## [1] knitr_1.41
##
## loaded via a namespace (and not attached):
## [1] Rcpp_1.0.9      digest_0.6.30  lifecycle_1.0.3 DBI_1.1.3      magrittr_2.0.3
## [6] evaluate_0.18  RSQLite_2.2.19 highr_0.9      stringi_1.7.8  cachem_1.0.6
## [11] rlang_1.0.6    cli_3.4.1      blob_1.2.3     vctrs_0.5.1    rmarkdown_2.18
## [16] tools_4.2.2    stringr_1.5.0  bit64_4.0.5    glue_1.6.2     tinytex_0.42
## [21] bit_4.0.5      xfun_0.35      yaml_2.3.6     fastmap_1.1.0  compiler_4.2.2
## [26] memoise_2.0.1  htmltools_0.5.4

Sys.time()

## [1] "2022-12-11 09:09:17 MST"

```