The results below are generated from an R script.

```r
# Assignment: ASSIGNMENT 0
# Name: Reppeto, Brian
# Date: 2023-06-14

# Basics

## Add 8 and 5
8+5
```

```
## [1] 13
```

```r
## Subtract 6 from 22
22-6
```

```
## [1] 16
```

```r
## Multiply 6 by 7
6*7
```

```
## [1] 42
```

```r
## Add 4 to 6 and divide the result by 2
(4+6)/2
```

```
## [1] 5
```

```r
## Compute 5 modulo 2
5 %% 2
```

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

```r
## Assign the value 82 to the variable x
## Print x
x <- 82
x
```

```
## [1] 82
```

```r
## Assign the value 41 to the variable y
## Print y
y <- 41
y
```

```
## [1] 41
```

```r
## Assign the output of x + y to the variable z
## Print z
z <- x + y
z
```

```
## [1] 123
```

```r
## 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] "character"

## 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 4.3.0 (2023-04-21)
## Platform: aarch64-apple-darwin20 (64-bit)
## Running under: macOS Ventura 13.4
##
## Matrix products: default
## BLAS:   /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versio
## LAPACK: /Library/Frameworks/R.framework/Versions/4.3-arm64/Resources/lib/libRlapack.dylib;  LAPACK ve
##
## locale:
## [1] en_US.UTF-8/en_US.UTF-8/en_US.UTF-8/C/en_US.UTF-8/en_US.UTF-8
##
## time zone: America/New_York
## tzcode source: internal
##
## attached base packages:
## [1] stats     graphics  grDevices utils     datasets  methods   base
##
## other attached packages:
## [1] knitr_1.43
##
## loaded via a namespace (and not attached):
## [1] compiler_4.3.0 tools_4.3.0    highr_0.10     xfun_0.39      evaluate_0.21

Sys.time()

## [1] "2023-06-13 21:06:57 EDT"
```