assignment_00_RamaniAarti

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2022-12-11

Assignment: ASSIGNMENT 0

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Date: 2022-12-10

```
# 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
```

```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"
```

```r
## Assign the string value of TRUE to the variable is_good
## Print the value of is_good
## Assigning TRUE as a string
is_good <- 'TRUE'
is_good
```

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

```r
## Assigning TRUE as a bool
is_good <- TRUE
is_good
```

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

```r
## Check the class of the variable is_good using the `class()` function
class(is_good)
```

```
## [1] "logical"
```

```r
## Check the class of the variable z using the `class()` function
z <- class(z)
z
```

```
## [1] "numeric"
```

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

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