Summary of R functions

2021-07

Simple arithmetics

Adding

```
> 17 + 4
[1] 21
```

Subtraction

```
> 17 - 4
[1] 13
```

Multiplication

```
> 17 * 4
[1] 61
```

Exponentiation

```
> 17 ^ 4   or   17 ** 4
[1] 83521
```

Division

```
> 17 / 4
[1] 4.25
```

Integer Division

```
> 17 %/% 4
[1] 4
```

Modulus

```
> 17 %% 4
[1] 10
```

Assignments, basic functions, local environment

Help

?<function> → show help text for function
Press "Q" in order return to command prompt

Declare and assign an object with value

```
 var <- 10  ( or  10 -> var  )
```

List environment objects

```
ls()
```

Get information about an object

```
str(var)
```

Print (to console)

```
print("Text") print(a)
```

Data structures: Vector generation

Data structures: `Vector` subsetting

Data structures: `Vector` - specific functions

Data structures: List