CA5 Part 1

R version 3.4.1 (2017-06-30) -- "Single Candle"

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Platform: x86\_64-w64-mingw32/x64 (64-bit)

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Type 'demo()' for some demos, 'help()' for on-line help, or

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Type 'q()' to quit R.

> add <- function(x, y) {

+ return(x+y)

+ }

> add(5,2)

[1] 7

> substract <- function(x, y) {

+ return(x-y)

+ }

> substract(9,7)

[1] 2

> multiply <- function(x, y) {

+ return(x\*y)

+ }

> multiply(3,3)

[1] 9

> divide <- function(x, y) {

+ return(x/y)

+ }

> divide(49,7)

[1] 7

> squared <- function(x) {

+ return(x^2)

+ }

> squared(11)

[1] 121

> square\_root <- function(x) {

+ return(sqrt(x))

+ }

> sqrt(225)

[1] 15

> fact <- function(x) {

+ return(factorial(x))

+ }

> factorial(5)

[1] 120

> power <- function(x, y) {

+ return(x^y)

+ }

> power(3,5)

[1] 243

> exponential <- function(x) {

+ return(exp(x))

+ }

> exp(5)

[1] 148.4132

> logarithm <- function(x) {

+ return(log(x))

+ }

> log(10)

[1] 2.302585