RWorksheet_Sobusa#1.Rmd

Nexon Sobusa

2024-09-20

age <- c(34, 28, 22, 36, 27, 18, 52, 39, 42, 29, 35, 31, 27, 22, 37, 34, 19, 20, 57, 49, 50, 37, 46, 25, 17, 37, 42, 53, 41, 51, 35, 24, 33, 41) length(age)

reciprocal_age <- 1 / age reciprocal_age

new_age <- c(age, 0, age) new_age

sorted_age <- sort(age) sorted_age

min_age <- min(age) max_age <- max(age) min_age
max_age

data <- c(2.4, 2.8, 2.1, 2.5, 2.4, 2.2, 2.5, 2.3, 2.5, 2.3, 2.4, 2.7) length(data)

double_data <- data * 2 double_data

seq_1_to_100 <- seq(1, 100) seq_1_to_100

seq_20_to_60 <- seq(20, 60) seq_20_to_60

mean_20_to_60 <- mean(seq_20_to_60) mean_20_to_60

sum_51_to_91 <- sum(51:91) sum_51_to_91

seq_1_to_1000 <- seq(1, 1000) max_10_points <- head(seq_1_to_1000, 10) max_10_points

not_div_3_5_7 <- Filter(function(i) all(i %% c(3, 5, 7) != 0), seq(100)) not_div_3_5_7

seq_backwards <- seq(100, 1) seq_backwards

multiples_3_5 <- Filter(function(x) x %% 3 == 0 | x %% 5 == 0, 1:24) multiples_3_5 sum_multiples_3_5 <- sum(multiples_3_5) sum_multiples_3_5

x <- 0 x <- {x + 5}

score <- c(72, 86, 92, 63, 88, 89, 91, 92, 75, 75, 77)

score[2]
score[3]

a <- c(1, 2, NA, 4, NA, 6, 7) print(a, na.print="-999")

name = readline(prompt="Input your name:") age = readline(prompt="Input your age:") print(paste("My name is",name, "and I am",age ,"years old.")) print(R.version.string)