RWorksheet.Tupaz#1.Rmd

2024-09-20

1

age <- c(34, 28, 22, 36, 27, 18, 52, 39, 42, 29, 35, 31, 27, 22, 37, 24, 19, 20, 57, 49, 50, 37, 46, 25, 17, 37, 42, 53, 41, 51, 35, 24, 33, 41) length(age) <- 1 / age

2

age_reciprocal <- 1 / individual_age age_reciprocal

3

combined_age <- c(individual_age, 0, individual_age) combined_age

4

sorted_individual_age <- sort(individual_age) sorted_individual_age

5

minimum_age <- min(individual_age) maximum_age <- max(individual_age)

6

measurements <- 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(measurements)

7

doubled_measurements <- measurements * 2 doubled_measurements

8.1

sequence_1_to_100 <- seq(1, 100) sequence_1_to_100

8.2

sequence_20_to_60 <- seq(20, 60) sequence_20_to_60

8.3

average_20_to_60 <- mean(seq(20, 60)) average_20_to_60

8.4

total_51_to_91 <- sum(seq(51, 91)) total_51_to_91

8.5

all_integers <- seq(1, 1000) print(all_integers)

a, b

total_length <- length(seq(1, 100)) + length(seq(20, 60)) + 1 + 1

9

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

10

backward_sequence <- seq(100, 1, by = -1) backward_sequence

11

multiples_of_3_or_5 <- Filter(function(i) i %% 3 == 0 || i %% 5 == 0, seq(1, 24)) multiples_of_3_or_5 sum(multiples_of_3_or_5)

sequence_10_to_11 <- seq(10, 11) sequence_10_to_11

number_of_data_points_10_to_11 <- length(sequence_10_to_11) print(number_of_data_points_10_to_11)

12

The original code seems incomplete. Assuming you meant to calculate something:

(0 + x + 5) is not complete and cannot be fixed without more context.

x <- 0 + some_value + 5 # Placeholder for your logic

13

student_scores <- c(72, 86, 92, 63, 88, 89, 91, 92, 75, 75, 77) student_scores2 student_scores3

14

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

15

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)