

```

#1 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)
#2 reciprocal_age <- 1 / age reciprocal_age
#3 new_age <- c(age, 0, age) new_age
#4 sorted_age <- sort(age) sorted_age
#5 min_age <- min(age) min_age
max_age <- max(age) max_age
#6 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)
#7 doubled_data <- data * 2 doubled_data
#8 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(seq_51_to_91) sum_51_to_91
integers <- seq(1, 1000) print(integers)
length(seq_1_to_100) length(seq_20_to_60) length(seq_20_to_60) length(seq_51_to_91)
total_data_points <- data_points_8_1 + data_points_8_2 + data_points_8_3 + data_points_8_4
print(total_data_points)
seq_1_to_1000 <- seq(1, 1000) seq_1_to_10 <- seq_1_to_1000[1:10] max_1_to_10 <- max(seq_1_to_10)
max_1_to_10
#9 filtered_numbers <- Filter(function(i) { all(i %% c(3, 5, 7) != 0) }, seq(1, 100)) filtered_numbers
#10 backward_seq <- seq(100, 1) backward_seq
#11 multiples_3_or_5 <- Filter(function(i) { i %% 3 == 0 || i %% 5 == 0 }, seq(1, 24)) multiples_3_or_5
sequence_10_to_11 <- 10:11 data_points_10_to_11 <- length(sequence_10_to_11) print(data_points_10_to_11)
data_points_10_to_11 <- length(sequence_10_to_11) print(data_points_10_to_11)
#12 x <- {0 + x + 5 + }
#13 x <- c(72, 86, 92, 63, 90, 89, 91, 2, 750) x[2] x[3]
#14 a <- c(1, 2, NA, 4, NA, 6, 7) a[is.na(a)] <- 999 a
#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)

```