#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 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) 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

#8.1 seq_1_to_100 <- seq(1, 100) seq_1_to_100

#8.2 seq_20_to_60 <- seq(20, 60) seq_20_to_60

#8.3 mean_20_to_60 <- mean(seq(20, 60)) mean_20_to_60

#8.4 sum_51_to_91 <- sum(seq(51, 91)) sum_51_to_91

#8.5 integers <- seq(1, 1000) print(integers)

#a,b length(seq(1, 100)) + length(seq(20, 60)) + 1 + 1

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

#10 seq_backwards <- seq(100, 1, by= -1) seq_backwards

#11 multiples_3_or_5 <- Filter(function(i) i %% 3 == 0 || i %% 5 == 0, seq(1, 24)) multiples_3_or_5 sum(multiples_3_or_5)

seq_10_to_11 <- seq(10, 11) seq_10_to_11

data_points_10_to_11 <- length(seq_10_to_11) print(data_points_10_to_11)

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

#13 score <- c(72, 86, 92, 63, 88, 89, 91, 92, 75, 75, 77) score[2] score[3]

#14 a <- c(1, 2, NA, 4, NA, 6, 7) print(a, 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)