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DataCamp: Intro to R Assignment

Section 1

Q1:

The variable a contains character data

Q2:

The variable b1 contains numerical data

Q3:

The variable b2 contains character data

Q4:

Adding b1 and b2 results in an error because numeric data cannot be added to character data

Q5:

Yes, the variables b1 and c1 are of the same type.

Q6:

B1 and c1 both contain numbers. The integers of c1 (0, 1, 2, 3) are added to the number 45.6

Section 2

Q7:

v1 <- -2:2

Q8:

v2 <- (-2:2) \* 3

Q9:

sum(v2)

Section 3

Q10:

vec\_4 <- 1:12

mat\_1 <- matrix(vec\_4, byrow = TRUE, nrow = 3)

Q11:

vec\_4 <- 1:12

mat\_2 <- matrix(vec\_4, byrow = FALSE, nrow = 3)

Section 3

Q12:

> two <- 5.2

> one <- "five point two"

> three <- 0:5

> my\_list\_1 <- list(two, one, three)

> my\_list\_1

[[1]]

[1] 5.2

[[2]]

[1] "five point two"

[[3]]

[1] 0 1 2 3 4 5

Q13:

my\_list\_1[[3]]

Q14:

my\_list\_1$one

Section 4

Q15:

my\_bool\_vec <- my\_vec == 3

Q16:

my\_vec[my\_bool\_vec]