DataCamp Assignments: R Basics

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602 Lab

#Q1

Since a contains the text of my first name it will be a character

#Q2

Since b1 contains 45.6 it is numeric

#Q3

b2 is a string function

#Q4

b1=45.6

b2="45.6"

b1+b2

When I tried to add the two together, I received an error because they were two different dataset.

#Q5

c1=0:3

c1

class(c1)

class(b1)

The variable b1 and c1 are not the same type. b1 is numeric and c1 is an integer.

#Q6

c1+b1

When you add b1 + c1 it adds the integer to the numeric values and give us the answers.

#Q7

v1= -2:2

v1

#Q8

v2= v1 \* 3

v2

#Q9

sum(v2)

The sum of all the elements in v2 is 0.

#Q10

vec\_4= 1:12

vec\_4

#Q10

mat\_1= matrix(vec\_4, byrow= 3, ncol= 4)

mat\_1

#Q11

mat\_2= matrix(vec\_4, nrow= 3, ncol= 4)

mat\_2

#Q12

my\_list\_1= list(5.2, "five point two", 0:5)

my\_list\_1

#Q13

names(my\_list\_1)= c("two", "one","three")

my\_list\_1$three

#Q14

my\_list\_1[2]

#Q15

my\_vec= rep(1:3,5)

my\_vec

my\_bool\_vec= my\_vec==3

my\_bool\_vec

#Q16

bool\_df= data.frame(my\_vec, my\_bool\_vec)

bool\_df[my\_bool\_vec,"my\_vec"]