edX

Microsoft: DAT209x Programming in R for Data Science

🔖 Bookmarks

🔖 **Bookmark**

▸ 0. Start Here

▸ 1. Introduction

▾ **2. Functions and Data Structures**

Lecture

Knowledge Checks
Quiz due Jun 27, 2016 at 23:30 UTC 🖉

Lab
Lab due Jun 27, 2016 at 23:30 UTC 🖉

▸ 3. Loops and Flow Control

▸ 4. Working with Vectors and Matrices

Question 1

(1/1 point)
What is the type of the vector x, when x is defined as follows?

```
x <- c("b", 2,  TRUE)
```

(Try answering without actually running the code)

◉ Character ✔

○ Logical

○ Numeric

○ Integer

EXPLANATION

You have used 1 of 2 submissions

Question 2

 (1/1 point)
The vector y is defined as follows:

```
y <- c(1, 2, 3.14, 4, 5)
```

What will be returned when you show the value y in the console?

(Try answering without actually running the code)

○　1 2 3 4 5

○　1.0 2.0 3.1 4.0 5.0

◉　1.00 2.00 3.14 4.00 5.00　✔

○   1.000 2.000 3.140 4.000 5.000

EXPLANATION

You have used 1 of 2 submissions

Question 3

(1/1 point)

The vector z is defined as follows:

```
z <- c(FALSE, TRUE, 2, 3, 4)
```

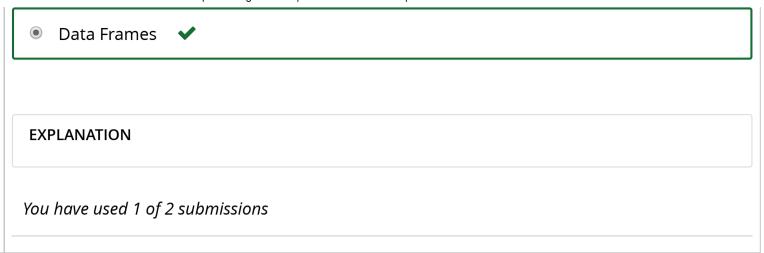What will be returned when you show the value z in the console?

(Try answering without actually running the code)

◉   0 1 2 3 4 ✔

○   FALSE TRUE TRUE TRUE TRUE

○   "FALSE" "TRUE" "2" "3" "4"

○   FALSE TRUE NaN NaN NaN

EXPLANATION

You have used 1 of 2 submissions

Question 4

(1/1 point)

How many elements are TRUE when you create a matrix with the following command?

```
matrix(c(5,4,3,2,1,0)+2,nrow=2)<5
```

(Try answering without actually running the code)

○   Four

◉   Three   ✔

○ Two

○ One

EXPLANATION

You have used 1 of 2 submissions

Question 5

(1/1 point)

Which data type in R can hold different type of elements?

○ Vectors

○ Matrices

○ Arrays

○ **Data Frames** ✔

EXPLANATION

You have used 1 of 2 submissions

POWERED BY
OPENedX