

In-class Exercise 8 Results for Simran Mander

Score for this attempt: **5** out of 10

Submitted Nov 1 at 2:29pm

This attempt took 1,374 minutes.

Question 1

0 / 1.25 pts

You can never write/execute R code without R Studio.

You Answered

☒ True

Correct Answer

☐ False

Question 2

1.25 / 1.25 pts

Suppose you are looking through some R code on the internet for fun, and you come across this:

Running `abs(-5) == -5` returns FALSE.

You are confused by how this outcome was achieved, and you would like to know more about this `abs` function.

Then you would run `abs` to look it up.

Answer 1:

Correct!

Question 3

0 / 1.25 pts

If you type the following code on the R console and execute it, you received `TRUE` in return. Which one can **not** be `x`?

```
round(pi, 4) >= round(pi, x)
```

Hint: You could use `?round` to read the help file.

Correct Answer

☐ 3

☐ 4

☐ 5

You Answered

☒ 6

Question 4

1.25 / 1.25 pts

Suppose you typed the following three lines of code in R console and executed them.

```
K <- 2
```

```
L <- 13
```

```
M <- 2L/K
```

What should be the value of `M`?

Correct!

1

Correct Answers

1

In $(2L/K)$, the numerator is $2L$. That means that it is integer
2. Therefore, $2/2=1$.

Question 5

0 / 1.25 pts

You would like to evaluate the following $3+2$ $4/(7-5)^2$ to equal
5 when evaluated in R. Use a mathematical operator to make this true.

Answer 1:

You Answered

>

Correct Answer

*

Question 6

0 / 1.25 pts

We want to run the following code `typeof("integer")`
`"character"` and return a value of `TRUE`.

<

Answer 1:

You Answered

<

Correct Answer

==

Question 7

1.25 / 1.25 pts

If you write the following on you R console and execute it successfully, the result is `TRUE`.

```
typeof([a]) > typeof(TRUE + FALSE)
```

Please complete the blank (which is indicated with [a] in the above formula) with one atomic value (that is a single value of an appropriate data type).

Correct!

True

Correct Answers

TRUE

T

FALSE

F

Given that `typeof(TRUE + FALSE)` is "integer", `typeof([a])` must "logical" because "logical" > "integer".

T and F can be also used instead of TRUE and FALSE. But, I encourage you to use TRUE and FALSE.

Question 8

1.25 / 1.25 pts

If you execute the following code, R will return the output of 5.

```
a <- 3
```

```
b <- 2
```

```
else <- 2 * (a + b)
```

```
else / 2
```

☐ True

☒ False

Correct!

else is a restricted name.

Quiz Score: **5** out of 10