ETC1010

Sway

Lobby   Rooms   Quizzes   Reports

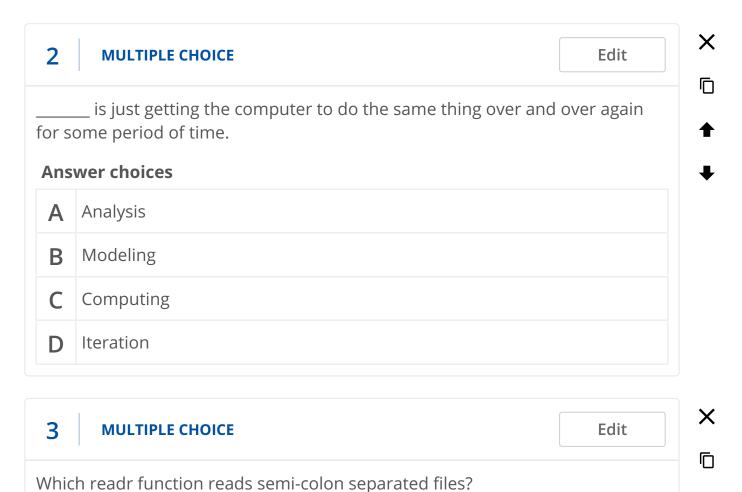## Edit Quiz   Save and Exit

Quiz name

Reading week 5 (DUE: Tue Aug 29, 9am)

1	MULTIPLE CHOICE	Edit

Excel has only one basic data structure: the ____

Answer choices

A	row
B	column
C	cell
D	sheet

2 | **MULTIPLE CHOICE**   Edit

_____ is just getting the computer to do the same thing over and over again for some period of time.

Answer choices

A	Analysis
B	Modeling
C	Computing
D	Iteration

3 | **MULTIPLE CHOICE**   Edit

Which readr function reads semi-colon separated files?

Answer choices

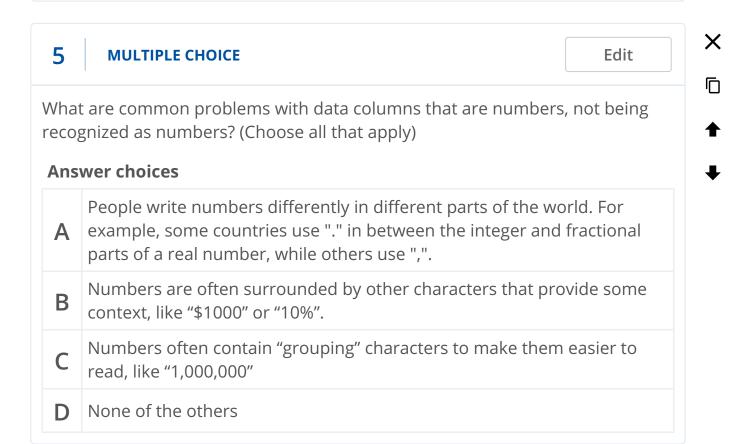| A	read_csv()
B	read_csv2()
C	read_tsv()
D	read_fwf()

4 | MULTIPLE CHOICE

Edit

What are the reasons for using readr functions for reading data rather than the base R functions like read.csv? (Choose all that apply)

Answer choices

A	They are typically much faster
B	Long running jobs have a progress bar
C	They produce tibbles, they don't convert character vectors to factors, use row names, or munge the column names.
D	They are more reproducible. Base R functions inherit some behaviour from your operating system and environment variables, so import code that works on your computer might not work on someone else's.
E	None of the others

5 | MULTIPLE CHOICE

Edit

What are common problems with data columns that are numbers, not being recognized as numbers? (Choose all that apply)

Answer choices

A	People write numbers differently in different parts of the world. For example, some countries use "." in between the integer and fractional parts of a real number, while others use ",".
B	Numbers are often surrounded by other characters that provide some context, like "$1000" or "10%".
C	Numbers often contain "grouping" characters to make them easier to read, like "1,000,000"
D	None of the others

6 | TRUE/FALSE   Edit

If I have a really large data file, one way to approach it to take a look at the variables it has, would be to read the top few rows only.

Answer

True

7 | TRUE/FALSE   Edit

If the top of the data files has stuff that is basic explanation about the data, where the and when it was collected or formatting info, it is relatively easy to skip these lines with most read functions.

Answer

True

8 | TRUE/FALSE   Edit

To read an xlsx format excel file, we can use the readxl package.

Answer

True

9 | MULTIPLE CHOICE   Edit

The haven package has functions for reading which types of formats? (Check all that apply)

Answer choices

A	SPSS
B	Stata
C	SAS
D	Noe of these

10 | TRUE/FALSE   Edit

Feather is fast binary file format file.

Answer

True

11 | MULTIPLE CHOICE   Edit

The word "parse" means? (Choose all that apply)

Answer choices

A	walk faster than someone else
B	equality between two things
C	resolve (a sentence) into its component parts and describe their syntactic roles
D	analyse (a string or text) into logical syntactic components.

12 | MULTIPLE CHOICE   Edit

A shape file contains information about _____ regions, that allows plotting of maps using points, connected lines and grouping

Answer choices

A	spatial
B	multivariate
C	numeric
D	galactic

13 | TRUE/FALSE   Edit

To read an audio file the package tuneR can help?

Answer

True

14 | TRUE/FALSE   Edit

To read json format file the package jsonlite can help?

Answer

True

15 | TRUE/FALSE   Edit

A file with the XML file extension is typically an Extensible Markup Language file.

Answer

True

➕ Multiple Choice   ➕ True/False   ➕ Short Answer