

Question 7

1/1 point (graded)

What does each of `~`, `.`, `..`, `/` represent, respectively?

- ☐ Current directory, Home directory, Root directory, Parent directory
- ☒ Home directory, Current directory, Parent directory, Root directory
- ☐ Home directory, Hidden directory, Parent directory, Root directory
- ☐ Root directory, Current directory, Parent directory, Home directory
- ☐ Home directory, Parent directory, Home directory, Root directory



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You have used 1 of 2 attempts

i Answers are displayed within the problem

Question 8

1/1 point (graded)

Suppose you want to delete your project directory at `./myproject`. The directory is not empty - there are still files inside of it.

Which command should you use?

- ☐ `rmdir myproject`
- ☐ `rmdir ./myproject`
- ☒ `rm -r myproject`



`rm ./myproject`



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✓ Correct (1/1 point)

Question 9

1/1 point (graded)

The `source()` function reads a script from a url or file and evaluates it. Check `?source` in the R console for more information.

Suppose you have an R script at `~/myproject/R/plotfig.R` and `getwd()` shows `~/myproject/result`, and you are running your R script with `source('~/myproject/R/plotfig.R')`.

Which R function should you write in `plotfig.R` in order to correctly produce a plot in `~/myproject/result/fig/barplot.png` ?



`ggsave('fig/barplot.png')`, because this is the relative path to the current working directory.



`ggsave('../result/fig/barplot.png')`, because this is the relative path to the source file ("plotfig.R").



`ggsave('result/fig/barplot.png')`, because this is the relative path to the project directory.



`ggsave('barplot.png')`, because this is the file name.



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✓ Correct (1/1 point)

Question 10

1/1 point (graded)

Which of the following statements about the terminal are not correct?

Select ALL that apply.

☐ `echo` is similar to `cat` and can be used to print.

☐ The up arrow can be used to go back to a command you just typed.

☒ You can click on the terminal to change the position of the cursor

☒ For a long command that spans three lines, we can use the up-arrow to navigate the cursor to the first line.



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✓ Correct (1/1 point)

Question 11

1/1 point (graded)

Which of the following statements about the filesystem is not correct?

☒ The home directory is where the system files that come with your computer exist.

☐ The name of the home directory is likely the same as the username on the system.

☐ File systems on Windows and Mac are different in some ways.

☐ Root directory is the directory that contains all directories.



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✓ Correct (1/1 point)

Question 12

1/1 point (graded)

Which of the following meanings for options following `less` are not correct?

(Hint: use `man less` to check.)

☐ `-g` : Highlights current match of any searched string

☐ `-i` : case-insensitive searches

☒ `-s` : automatically save the search object

☐ `-x` : leave file contents on screen when less exits.



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✓ Correct (1/1 point)

Question 13

1/1 point (graded)

Which of the following statements is **incorrect** about preparation for a data science project?

Select ALL that apply.

☒ Always use absolute paths when working on a data science project.

☒ Saving .RData every time you exit R will keep your collaborator informed of what you did.

☐ Use ggsave to save generated files for use in a presentation or a report.

☒ Saving your code in a Word file and inserting output images is a good idea for making a reproducible report.



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You have used 1 of 2
attempts

✓ Correct (1/1 point)