

After class 05 - data frames part 2

Test for R Intro classes

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* Indicates required question

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What is the difference between sort and order? *

- ☐ There is no difference - sort and order do the same - they get the data into the sorted order.
- ☒ Sort returns sorted variable, while order returns the indices with which we can sort the values in proper order
- ☐ Sort returns sorted variable, while order returns the ordered variable.
- ☐ Sort returns the sorted indices, while order returns the ordered values of the variable.

When installation of the package is needed in R? *

- ☒ When we first install the package on given R version (or when it needs to be updated)
- ☐ When we first install the package on given R version
- ☐ When we first install the package on given computer
- ☐ When we want to use the package in given R session



What is the result of set.seed() on runif() function? (check out the section Random Numbers in the script for reference) *

- ☐ It has no effect, these functions are independent
- ☐ It allows to repeat the results in one R session
- ☒ It keeps the random numbers the same each time combination of set.seed()+runif() is run (across different computers and R sessions)
- ☐ It allows to get wider range of random numbers in runif() function

Paste the code for task 1

Do not use any white spaces in your code!

```
sort(CO2$uptake,decreasing=TRUE)
```

Paste the code for task 2

Do not use any white spaces in your code!

```
CO2[CO2$Type=="Quebec"&CO2$Treatment=="
```



Paste the code for task 3

Do not use any white spaces in your code! Separate the lines with ; if needed.

```
subset(CO2[order(CO2$conc),],uptake>40)
```

Paste the code for task 4

Do not use any white spaces in your code!

```
CO2[order(runif(nrow(CO2))),]
```

Paste the code for task 5

Do not use any white spaces in your code!

```
missCO2[!complete.cases(missCO2),]
```

Paste the code for task 6

Do not use any white spaces in your code!

```
missCO2[is.na(missCO2$uptake),"uptake"]<-20
```



Paste the code for task 7

Do not use any white spaces in your code!

```
missCO2[is.na(missCO2$conc),"conc"]<-mean(
```

Paste the code for task 8

Do not use any white spaces in your code! Separate the lines with ; if needed.

```
missCO2$weightNumber<-as.integer(substr(r
```

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