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Thanks for filling out this form: After class 03 - factor,matrix,list

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Sat, Oct 18, 2025 at 6:07 PM

Thanks for filling out this form: After class 03 - factor,matrix,list

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After class 03 - factor,matrix,list

Test for R Intro classes

Email *

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Student ID

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Ondřej Marvan

What is the most important feature of a list?

*

- It can store large amount of data inside.
- It provides an unique way to store categorical data.
- It has a fully structured design which helps in keeping the data ordered across instances.
- It can flexibly store different types and sizes of data inside.

Why factors are useful?

*

- They prove useful in filtering data by their type.
- They allow to store numbers and add contextual labels to them.
- They allow for easy factorization of the code.
- They allow to store categorical data in a computationally-effective way, recoding them to numbers for faster and more efficient processing.

Paste the code for task 3a)

Do not use any white spaces in your code! Use full names of the used arguments (ex. seq(from=X,to=X))

```
table[,1]<-3
```

Paste the code for task 3b)

Do not use any white spaces in your code! Use full names of the used arguments (ex. seq(from=X,to=X))

```
table[3,2]<-20
```

Answer for task 3e)

- Numeric, because in matrices columns are stored independently and can have different datatypes in them.
- Character, because matrices only store character values.
- Numeric, because nothing was changed in the first column.
- Character, because in matrices only one type of data is stored. Modification of one element changes all the rest.
- Character, because of some unexplainable R error.

Paste the code for task 4c)

Do not use any white spaces in your code! Use full names of the used arguments (ex. seq(from=X,to=X))

```
myList[[length(x=myList)]][4]
```

Paste the code for task 4d)

Do not use any white spaces in your code! Use full names of the used arguments (ex. seq(from=X,to=X))

```
myList[[length(x=myList)]][5]<-NA
```

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