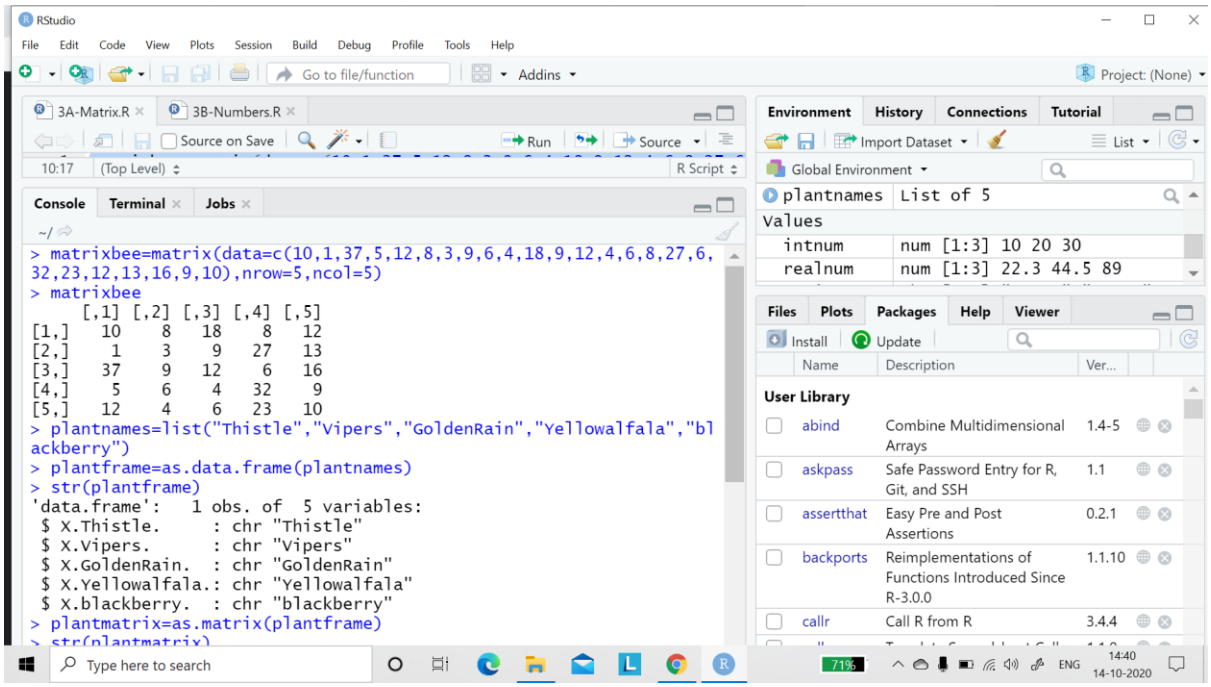
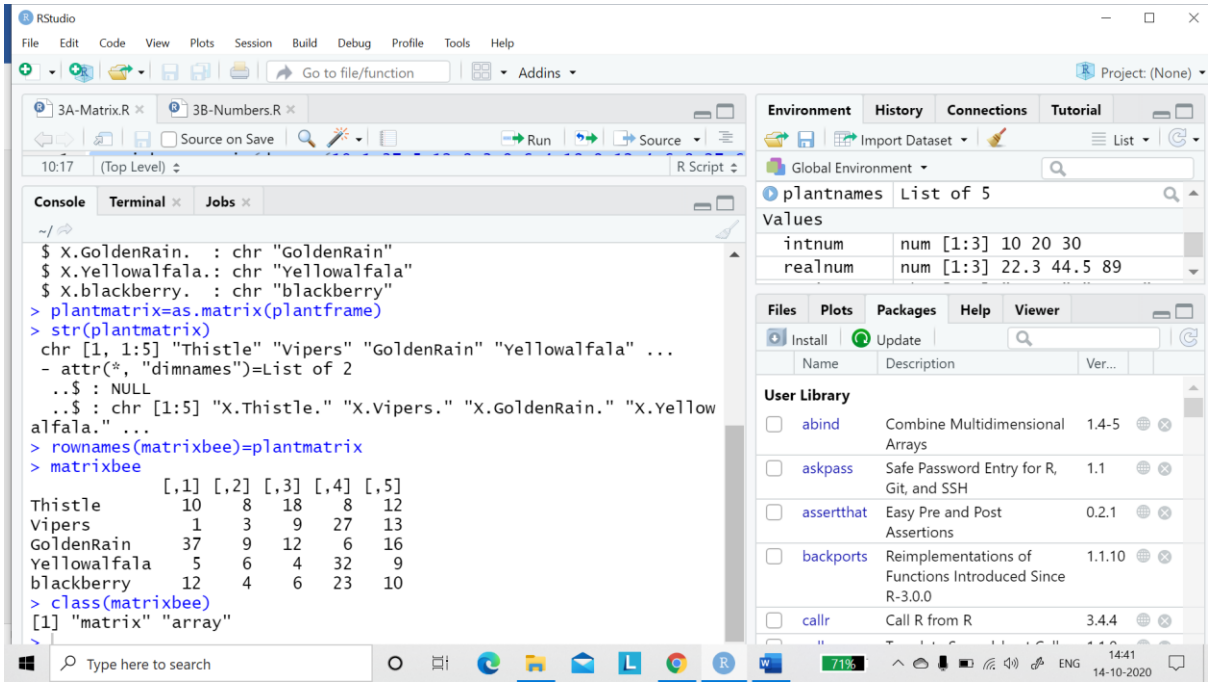
3A- Output


RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Go to file/function
Addins
Project: (None)
3A-Matrix.R
3B-Numbers.R
Source on Save
Run
Source
10:17
(Top Level)
R Script
Console
Terminal
Jobs
~/
> matrixbee=matrix(data=c(10,1,37,5,12,8,3,9,6,4,18,9,12,4,6,8,27,6,
32,23,12,13,16,9,10),nrow=5,ncol=5)
> matrixbee
[,1] [,2] [,3] [,4] [,5]
[1,] 10 8 18 8 12
[2,] 1 3 9 27 13
[3,] 37 9 12 6 16
[4,] 5 6 4 32 9
[5,] 12 4 6 23 10
> plantnames=list("Thistle","Vipers","GoldenRain","Yellowalfala","bl
ackberry")
> plantframe=as.data.frame(plantnames)
> str(plantframe)
'data.frame': 1 obs. of 5 variables:
$ X.Thistle. : chr "Thistle"
$ X.Vipers. : chr "Vipers"
$ X.GoldenRain. : chr "GoldenRain"
$ X.Yellowalfala.: chr "Yellowalfala"
$ X.blackberry. : chr "blackberry"
> plantmatrix=as.matrix(plantframe)
Environment
History
Connections
Tutorial
Import Dataset
List
Global Environment
plantnames List of 5
Values
intnum num [1:3] 10 20 30
realnum num [1:3] 22.3 44.5 89
Files
Plots
Packages
Help
Viewer
Install
Update
Name
Description
Ver...
User Library
abind Combine Multidimensional Arrays 1.4-5
askpass Safe Password Entry for R, Git, and SSH 1.1
assertthat Easy Pre and Post Assertions 0.2.1
backports Reimplementations of Functions Introduced Since R-3.0.0 1.1.10
callr Call R from R 3.4.4
Type here to search
71%
ENG
14:40
14-10-2020


RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Go to file/function
Addins
Project: (None)
3A-Matrix.R
3B-Numbers.R
Source on Save
Run
Source
10:17
(Top Level)
R Script
Console
Terminal
Jobs
~/
$ X.GoldenRain. : chr "GoldenRain"
$ X.Yellowalfala.: chr "Yellowalfala"
$ X.blackberry. : chr "blackberry"
> plantmatrix=as.matrix(plantframe)
> str(plantmatrix)
chr [1, 1:5] "Thistle" "Vipers" "GoldenRain" "Yellowalfala" ...
- attr(*, "dimnames")=List of 2
..$: NULL
..$: chr [1:5] "X.Thistle." "X.Vipers." "X.GoldenRain." "X.Yellow
alfala." ...
> rownames(matrixbee)=plantmatrix
> matrixbee
[,1] [,2] [,3] [,4] [,5]
Thistle 10 8 18 8 12
Vipers 1 3 9 27 13
GoldenRain 37 9 12 6 16
Yellowalfala 5 6 4 32 9
blackberry 12 4 6 23 10
> class(matrixbee)
[1] "matrix" "array"
Environment
History
Connections
Tutorial
Import Dataset
List
Global Environment
plantnames List of 5
Values
intnum num [1:3] 10 20 30
realnum num [1:3] 22.3 44.5 89
Files
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abind Combine Multidimensional Arrays 1.4-5
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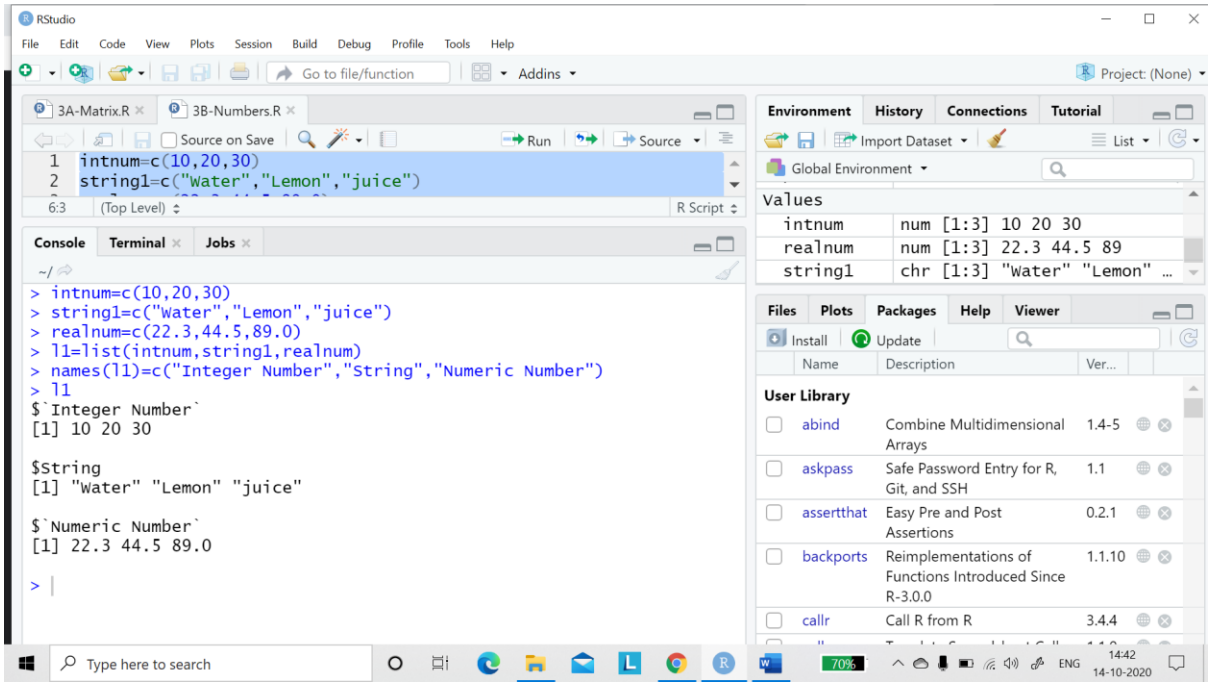
assertthat Easy Pre and Post Assertions 0.2.1
backports Reimplementations of Functions Introduced Since R-3.0.0 1.1.10
callr Call R from R 3.4.4
Type here to search
71%
ENG
14:41
14-10-2020

3B-Output



3C. Factor Program