Console | Terminal | Background Jobs

R 4.2.3 · ~/

```
ical Computing
Platform: x86_64-w64-mingw32/x64 (64-bit)

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ine help, or
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help.
Type 'q()' to quit R.

[Workspace loaded from ~/.RData]

> x = vector("numeric", 5)
> print("Numeric Type:")
[1] "Numeric Type:"
> print(x)
[1] 0 0 0 0 0
> c = vector("complex", 5)
> print("Complex Type:")
[1] "Complex Type:"
> print(c)
[1] 0+0i 0+0i 0+0i 0+0i 0+0i
> l = vector("logical", 5)
> print("Logical Type:")
[1] "Logical Type:"
> print(l)
[1] FALSE FALSE FALSE FALSE FALSE
> chr = vector("character", 5)
> print("Character Type:")
[1] "Character Type:"
> print(chr)
[1] "" "" "" "" ""
>
```

Environment | History | Connections | Tutorial

83 MiB | List

R ▾ | Global Environment ▾

Values

c	cplx [1:5] 0+0i 0+0i 0+
chr	chr [1:5] "" "" "" "" "
l	logi [1:5] FALSE FALSE
x	num [1:5] 0 0 0 0 0

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	Name	Size
	.RData	49 B
	.Rhistory	94 B
	Adobe	
	cal.l.txt	920 B
	Custom Office Templates	
	desktop.ini	418 B
	Euro Truck Simulator 2	
	github java	
	lex.yy.c	37.1 K
	mobile.l.txt	246 B
	My ISO Files	
	Online-Movie-Ticket-Booking---usi...	
	Rockstar Games	
	Sound Recordings	
	Untitled Project.aep	105.5
	Virtual Machines	
	Wolverine	

Console   Terminal   Background Jobs

R 4.2.3 · ~/

```
[1] "Character Type:"
> print(chr)
[1] "" "" "" "" ""
> x = c(10, 20, 30)
> print("Sum:")
[1] "Sum:"
> print(sum(x))
[1] 60
> print("Mean:")
[1] "Mean:"
> print(mean(x))
[1] 20
> print("Product:")
[1] "Product:"
> print(prod(x))
[1] 6000
> list1 = list(g1 = 1:10, g2 = "R Programming", g3 = "HTML")
> print("Original list:")
[1] "Original list:"
> print(list1)
$g1
 [1]  1  2  3  4  5  6  7  8  9 10

$g2
[1] "R Programming"

$g3
[1] "HTML"

> print("Add a new vector to the said list:")
[1] "Add a new vector to the said list:"
> list1$g4 = "Python"
> print(list1)
$g1
 [1]  1  2  3  4  5  6  7  8  9 10

$g2
[1] "R Programming"

$g3
[1] "HTML"

$g4
[1] "Python"

> mons_v = c("March","April","January","November","January",
+            "September","October","September","November","August","February"
```

Environment   History   Connections   Tutorial

Import Dataset ▾   83 MiB ▾   List ▾

R ▾   Global Environment ▾

Data
list1   List of 4
Values
c   cplx [1:5] 0+0i 0+0i 0+0i ...
chr   chr [1:5] "" "" "" "" ""
f   Factor w/ 11 levels "April","August",..: 7 1 5 9 5 11 10 ...
l   logi [1:5] FALSE FALSE FALSE FALSE FALSE
mons_v   chr [1:27] "March" "April" "January" "November" "January"...
x   num [1:3] 10 20 30

Files   Plots   Packages   Help   Viewer   Presentation

New Folder   New Blank File ▾   Delete   Rename   More ▾

Home

	Name	Size	Modified
	.RData	49 B	Mar 20, 2023, 7:15 PM
	.Rhistory	94 B	Mar 20, 2023, 11:16 PM
	Adobe		
	cal.l.txt	920 B	Jan 11, 2023, 11:27 AM
	Custom Office Templates		
	desktop.ini	418 B	Nov 2, 2022, 10:55 PM
	Euro Truck Simulator 2		
	github java		
	lex.yy.c	37.1 KB	Jan 13, 2023, 12:11 PM
	mobile.l.txt	246 B	Jan 13, 2023, 9:15 AM
	My ISO Files		
	Online-Movie-Ticket-Booking---using---Jsp-master		
	Rockstar Games		
	Sound Recordings		
	Untitled Project.aep	105.5 KB	Nov 3, 2022, 3:45 PM
	Virtual Machines		
	Wolverine		

```
[1] "R Programming"

$g3
[1] "HTML"

$g4
[1] "Python"

> mons_v = c("March","April","January","November","January",
+            "September","October","September","November","August","February",
+            "January","November","November","February","May","August","February",
+            "July","December","August","August","September","November","September",
+            "February","April")
> print("Original vector:")
[1] "Original vector:"
> print(mons_v)
 [1] "March"     "April"     "January"
 [4] "November"  "January"   "September"
 [7] "October"   "September" "November"
[10] "August"    "February"  "January"
[13] "November"  "November"  "February"
[16] "May"       "August"    "February"
[19] "July"      "December"  "August"
[22] "August"    "September" "November"
[25] "September" "February"  "April"
> f = factor(mons_v)
> print("Ordered factors of the said vector:")
[1] "Ordered factors of the said vector:"
> print(f)
 [1] March     April     January   November
 [5] January   September October   September
 [9] November  August    February  January
[13] November  November  February  May
[17] August    February  July      December
[21] August    August    September November
[25] September February  April
11 Levels: April August ... September
> print(table(f))
f
    April    August  December  February
        2         4         1         4
  January      July     March       May
        3         1         1         1
 November   October September
        5         1         4
>
```