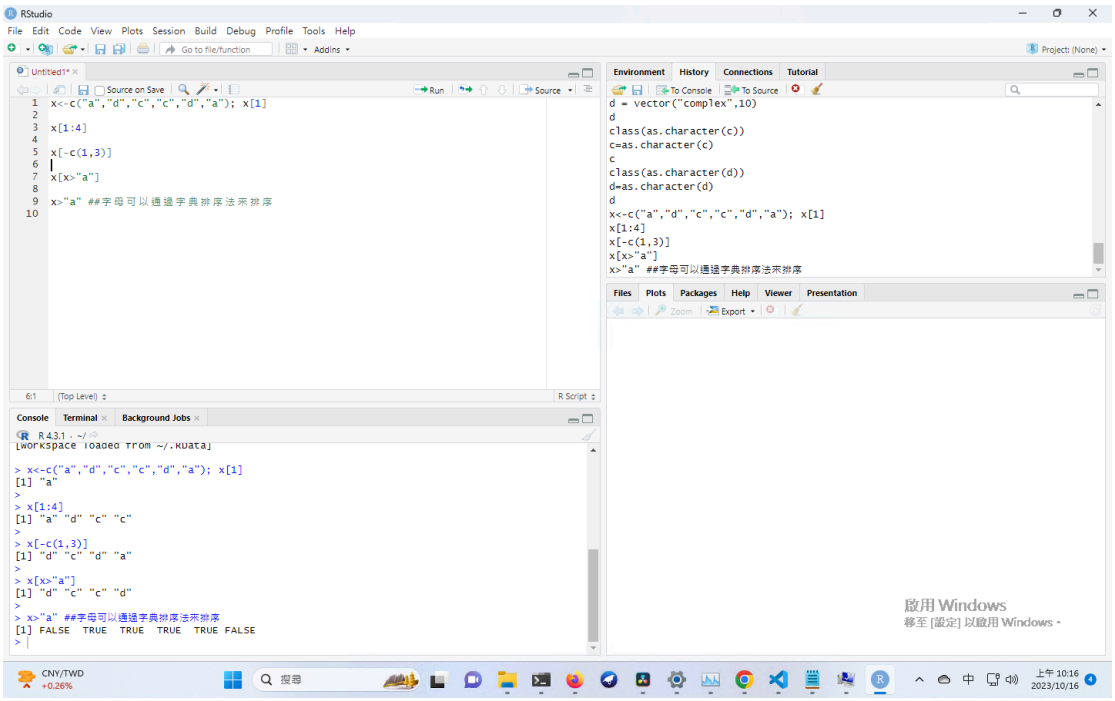
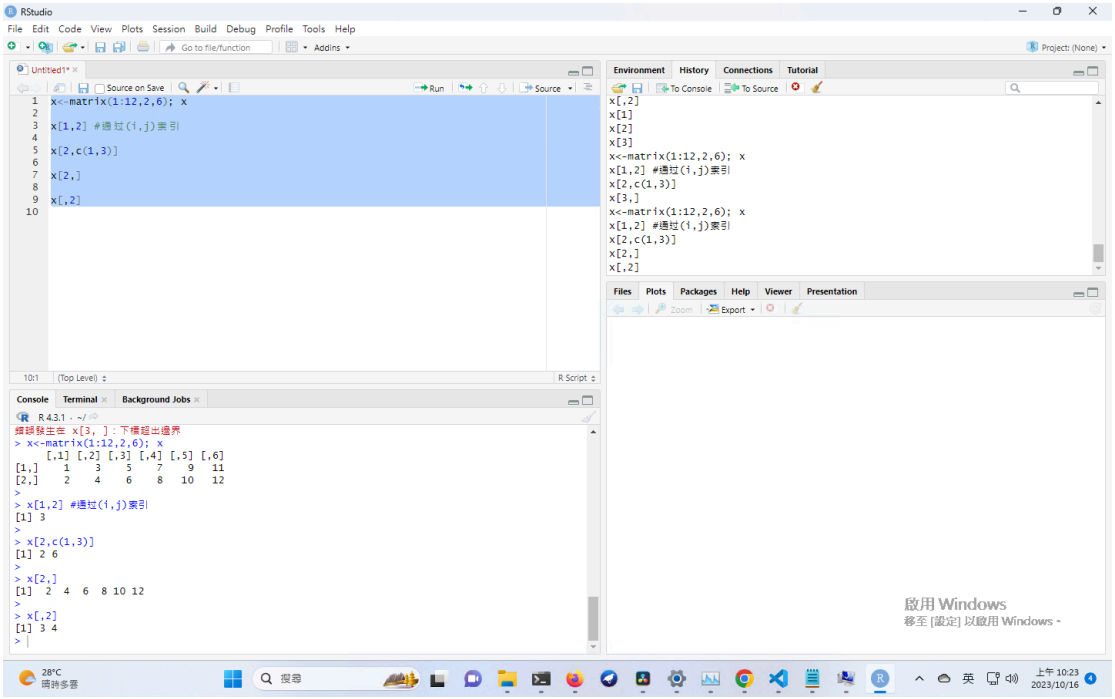
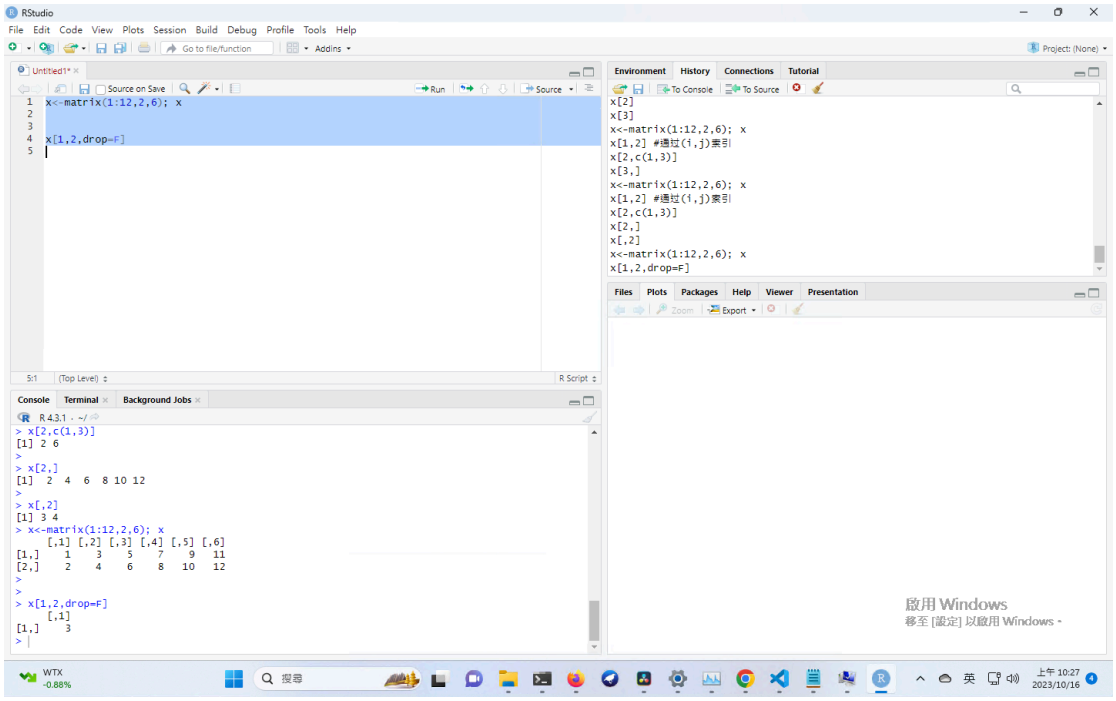
取子集-向量

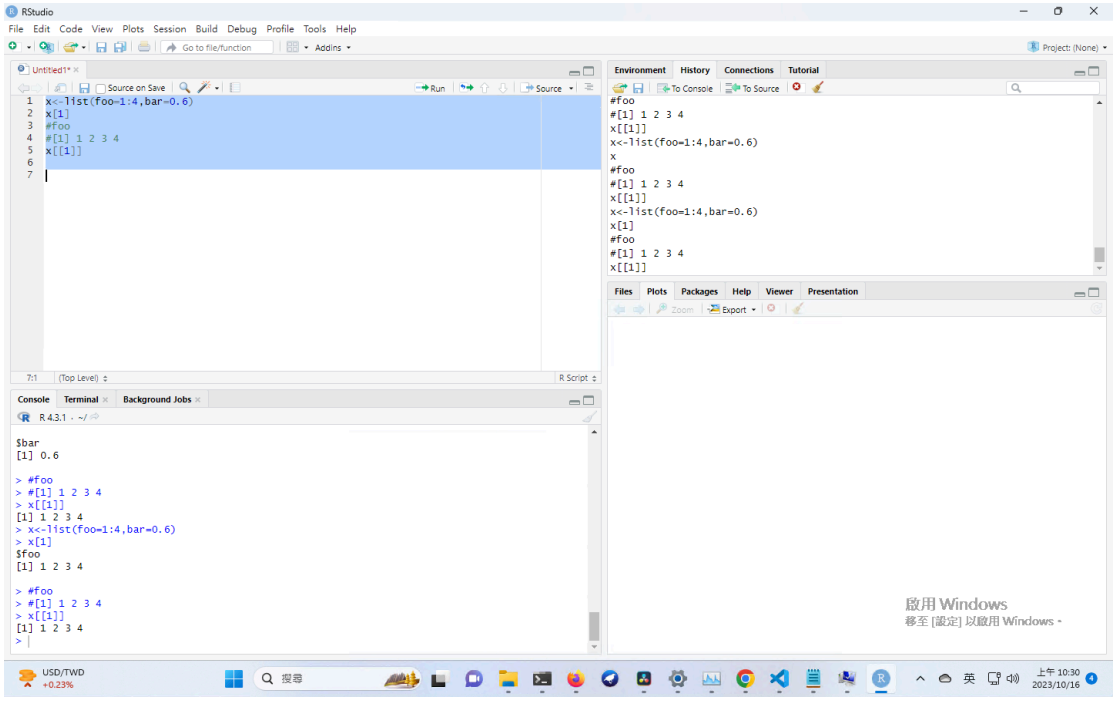


取子集-矩陣、數據框

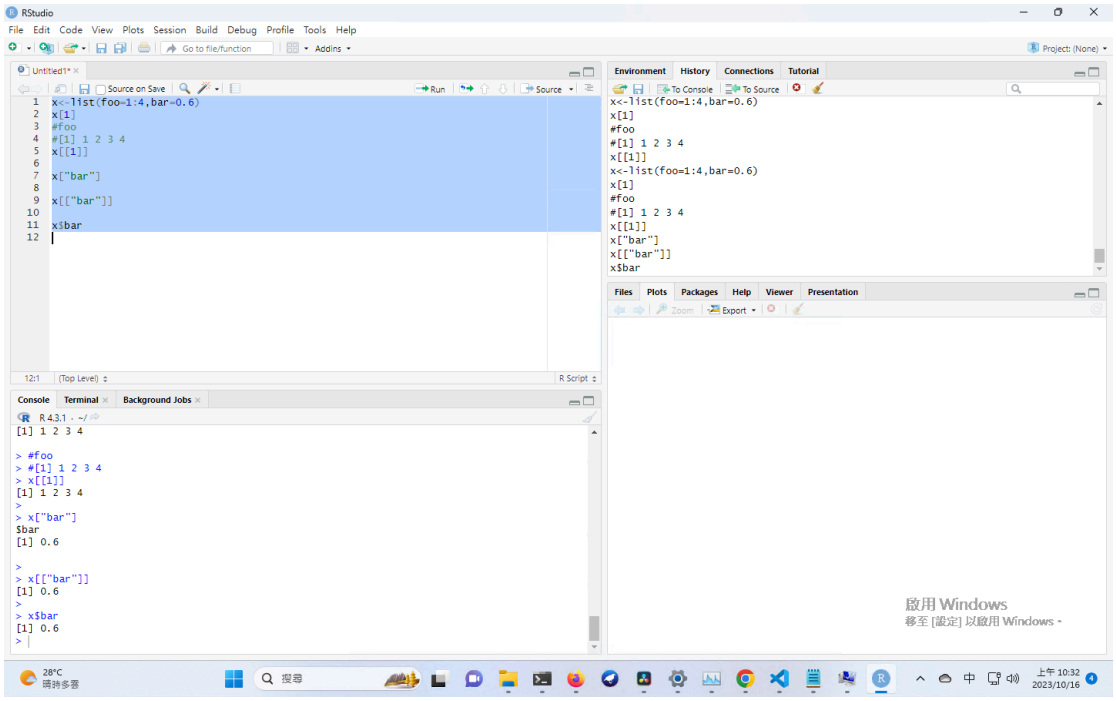


取子集-矩陣、數據框

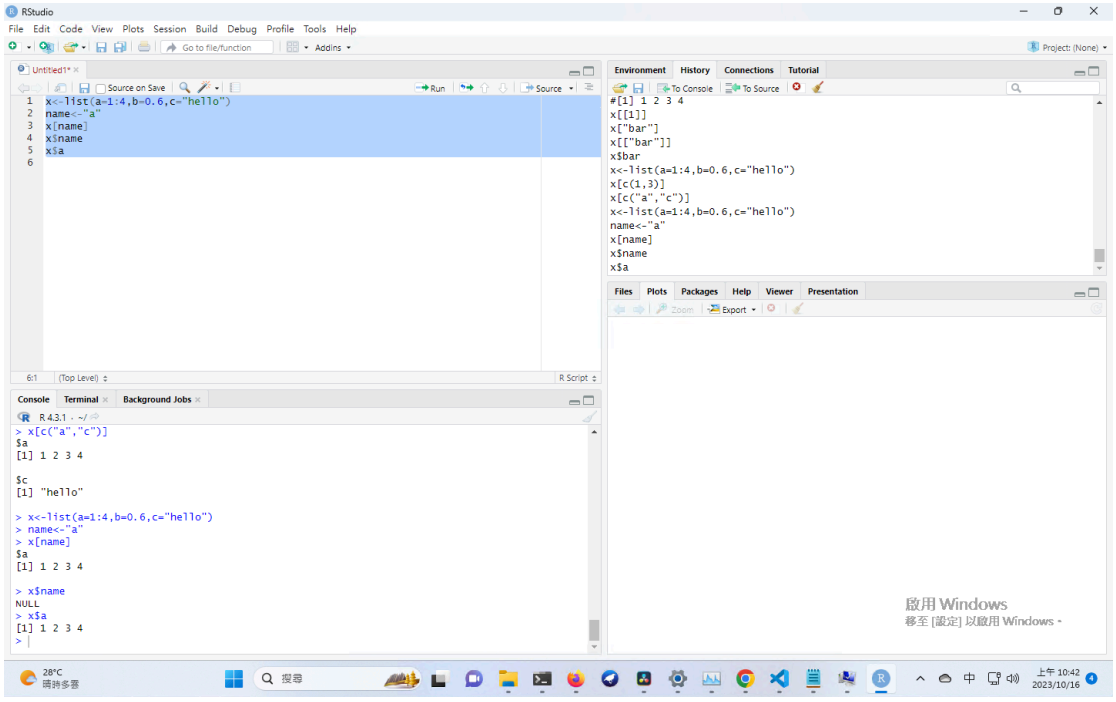

RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Untitled1*
1 x<-matrix(1:12,2,6); x
2
3
4 x[1,2,drop=F]
5
Source on Save
Run
Source
Environment History Connections Tutorial
To Console
To Source
x[2]
x[3]
x<-matrix(1:12,2,6); x
x[1,2] #通过(i,j)索引
x[2,c(1,3)]
x[3,]
x<-matrix(1:12,2,6); x
x[1,2] #通过(i,j)索引
x[2,c(1,3)]
x[2,]
x[,2]
x<-matrix(1:12,2,6); x
x[1,2,drop=F]
Files Plots Packages Help Viewer Presentation
Export
5:1 (Top Level) R Script
Console Terminal Background Jobs
R 4.3.1 · ~/
> x[2,c(1,3)]
[1] 2 6
>
> x[2,]
[1] 2 4 6 8 10 12
>
> x[,2]
[1] 3 4
> x<-matrix(1:12,2,6); x
[,1] [,2] [,3] [,4] [,5] [,6]
[1,] 1 3 5 7 9 11
[2,] 2 4 6 8 10 12
>
>
> x[1,2,drop=F]
[,1]
[1,] 3
>
啟用 Windows
移至 [設定] 以啟用 Windows。
WTX
-0.88%
搜尋
上午 10:27
2023/10/16


RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Untitled1*
1 x<-list(foo=1:4,bar=0.6)
2 x[1]
3 #foo
4 #[1] 1 2 3 4
5 x[[1]]
6
7
Source on Save
Run
Source
Environment History Connections Tutorial
To Console
To Source
#foo
#[1] 1 2 3 4
x[[1]]
x<-list(foo=1:4,bar=0.6)
x
#foo
#[1] 1 2 3 4
x[[1]]
x<-list(foo=1:4,bar=0.6)
x[1]
#foo
#[1] 1 2 3 4
x[[1]]
Files Plots Packages Help Viewer Presentation
Export
7:1 (Top Level) R Script
Console Terminal Background Jobs
R 4.3.1 · ~/
$bar
[1] 0.6
> #foo
> #[1] 1 2 3 4
> x[[1]]
[1] 1 2 3 4
> x<-list(foo=1:4,bar=0.6)
> x[1]
$foo
[1] 1 2 3 4
> #foo
> #[1] 1 2 3 4
> x[[1]]
[1] 1 2 3 4
>
啟用 Windows
移至 [設定] 以啟用 Windows。
USD/TWD
+0.23%
搜尋
上午 10:30
2023/10/16

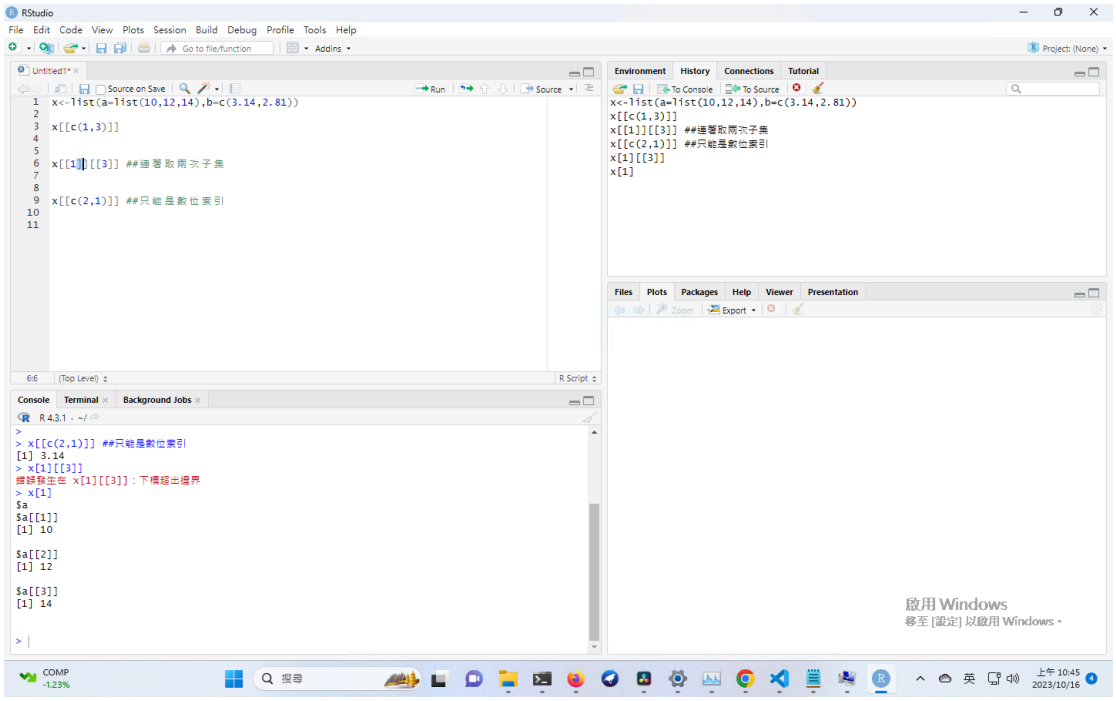
取子集-列表



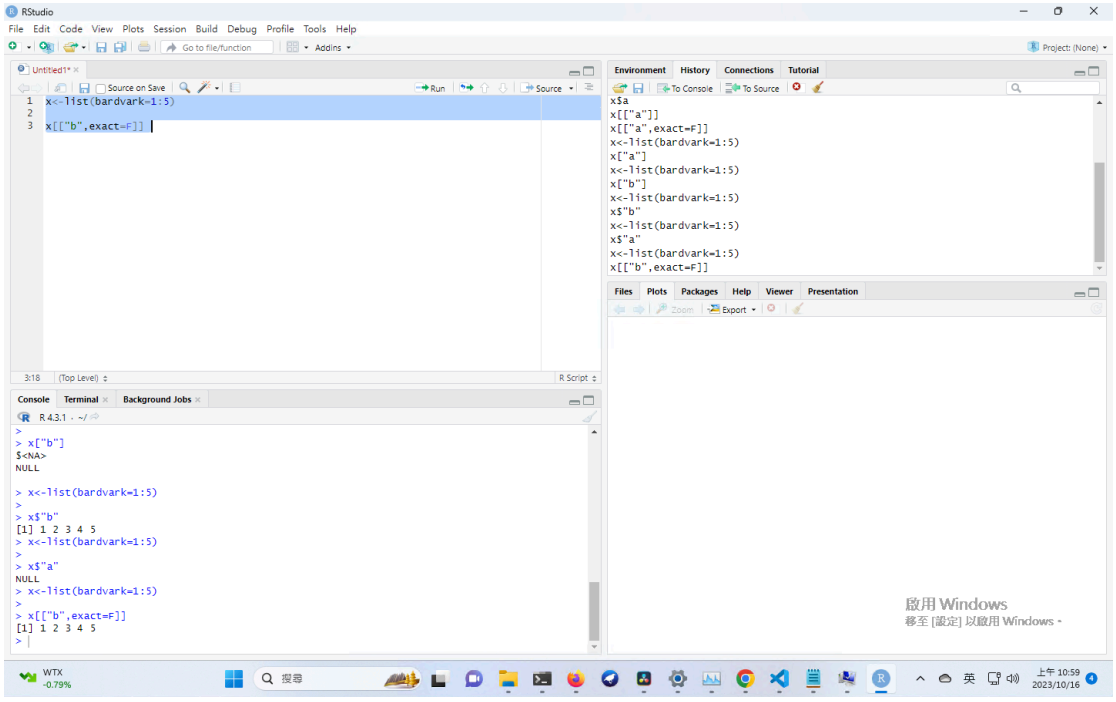
取子集-名字索引



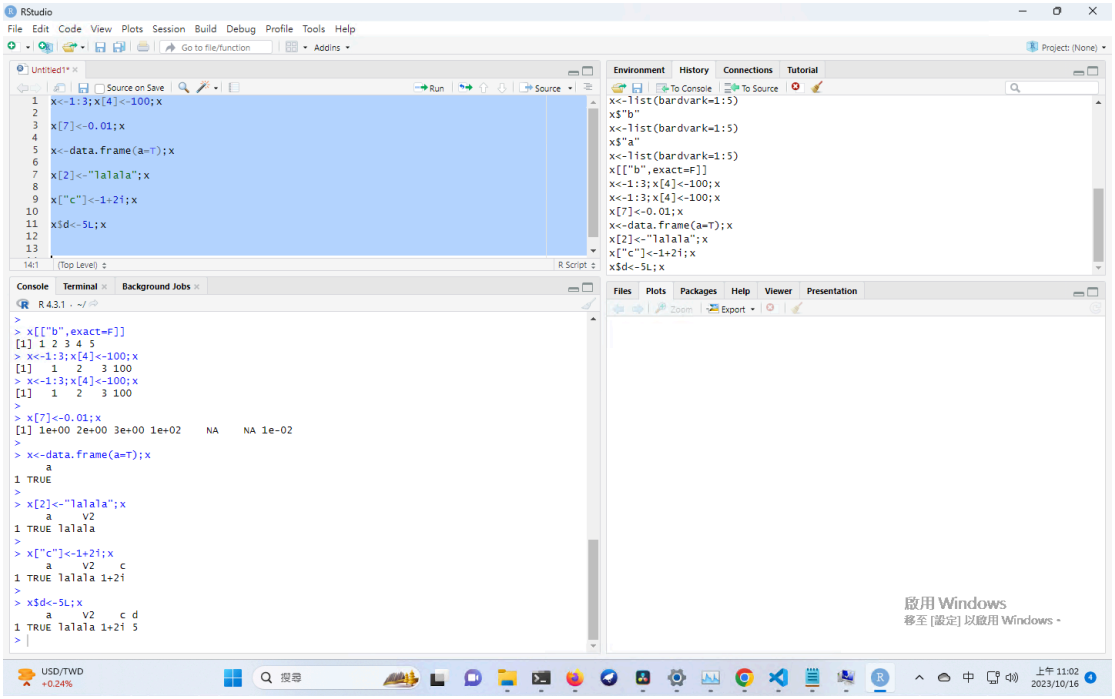
取子集-特殊用法



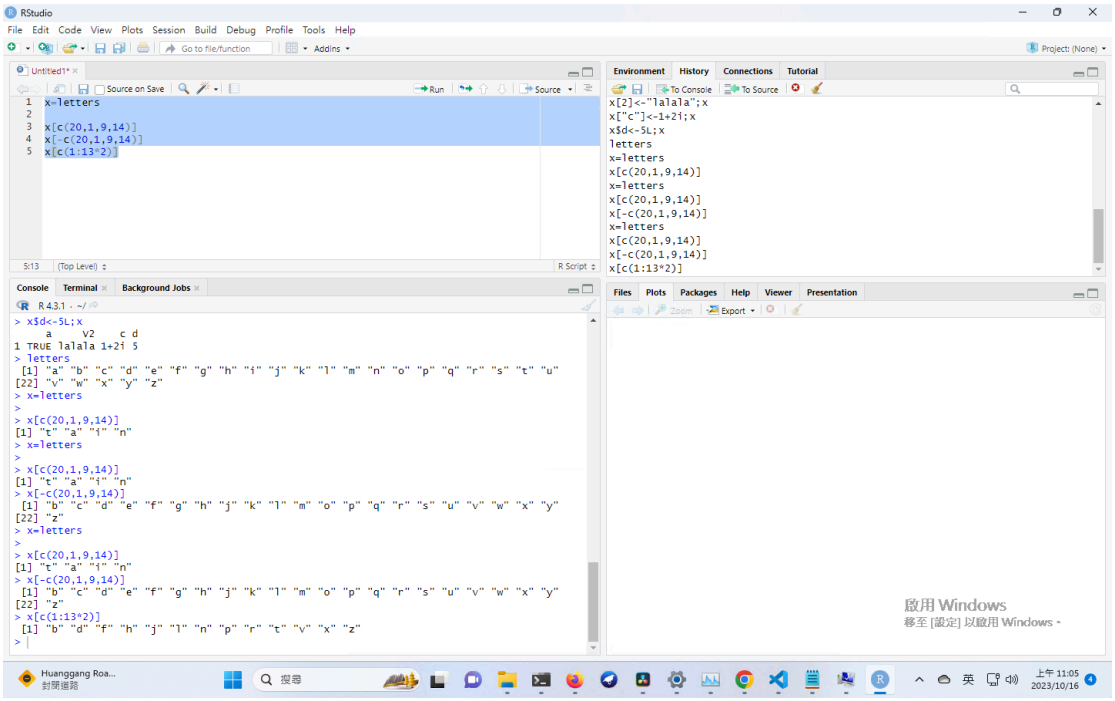
取子集-特殊用法



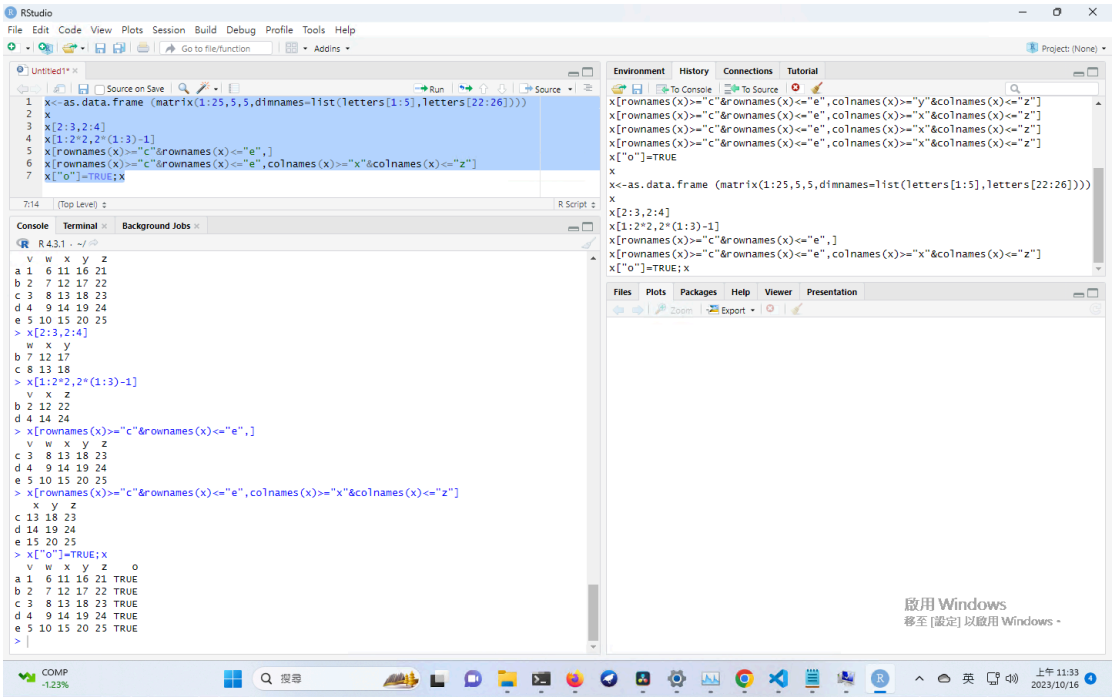
生成新的元素


RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Untitled1*
Source on Save
Run
Source
1 x<-1:3;x[4]<-100;x
2
3 x[7]<-0.01;x
4
5 x<-data.frame(a=T);x
6
7 x[2]<-"lalala";x
8
9 x["c"]<-1+2i;x
10
11 x$d<-5L;x
12
13
14:1 (Top Level) R Script
Environment History Connections Tutorial
To Console To Source
x<-list(bardvark=1:5)
x$"b"
x<-list(bardvark=1:5)
x$"a"
x<-list(bardvark=1:5)
x[["b",exact=F]]
x<-1:3;x[4]<-100;x
x<-1:3;x[4]<-100;x
x[7]<-0.01;x
x<-data.frame(a=T);x
x[2]<-"lalala";x
x["c"]<-1+2i;x
x$d<-5L;x
Console Terminal Background Jobs
R 4.3.1 · ~/
> x[["b",exact=F]]
[1] 1 2 3 4 5
> x<-1:3;x[4]<-100;x
[1] 1 2 3 100
> x<-1:3;x[4]<-100;x
[1] 1 2 3 100
> x[7]<-0.01;x
[1] 1e+00 2e+00 3e+00 1e+02 NA NA 1e-02
> x<-data.frame(a=T);x
a
1 TRUE
> x[2]<-"lalala";x
a v2
1 TRUE lalala
> x["c"]<-1+2i;x
a v2 c
1 TRUE lalala 1+2i
> x$d<-5L;x
a v2 c d
1 TRUE lalala 1+2i 5
Files Plots Packages Help Viewer Presentation
Zoom Export
啟用 Windows
移至 [設定] 以啟用 Windows。
USD/TWD
+0.24%
搜尋
上午 11:02
2023/10/16

Practice1


RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Untitled1*
Source on Save
Run
Source
1 x=letters
2
3 x[c(20,1,9,14)]
4 x[-c(20,1,9,14)]
5 x[c(1:13*2)]
5:13 (Top Level) R Script
Environment History Connections Tutorial
To Console To Source
x[2]<-"lalala";x
x["c"]<-1+2i;x
x$d<-5L;x
letters
x=letters
x[c(20,1,9,14)]
x=letters
x[c(20,1,9,14)]
x[-c(20,1,9,14)]
x=letters
x[c(20,1,9,14)]
x[-c(20,1,9,14)]
x[c(1:13*2)]
Console Terminal Background Jobs
R 4.3.1 · ~/
> x$d<-5L;x
a v2 c d
1 TRUE lalala 1+2i 5
> letters
[1] "a" "b" "c" "d" "e" "f" "g" "h" "i" "j" "k" "l" "m" "n" "o" "p" "q" "r" "s" "t" "u"
[22] "v" "w" "x" "y" "z"
> x=letters
>
> x[c(20,1,9,14)]
[1] "t" "a" "i" "n"
> x=letters
>
> x[c(20,1,9,14)]
[1] "t" "a" "i" "n"
> x[-c(20,1,9,14)]
[1] "b" "c" "d" "e" "f" "g" "h" "j" "k" "l" "m" "o" "p" "q" "r" "s" "u" "v" "w" "x" "y"
[22] "z"
> x=letters
>
> x[c(20,1,9,14)]
[1] "t" "a" "i" "n"
> x[-c(20,1,9,14)]
[1] "b" "c" "d" "e" "f" "g" "h" "j" "k" "l" "m" "o" "p" "q" "r" "s" "u" "v" "w" "x" "y"
[22] "z"
> x[c(1:13*2)]
[1] "b" "d" "f" "h" "j" "l" "n" "p" "r" "t" "v" "x" "z"
Files Plots Packages Help Viewer Presentation
Zoom Export
啟用 Windows
移至 [設定] 以啟用 Windows。
Huanggang Roa...
封閉道路
搜尋
上午 11:05
2023/10/16

Practice 2


RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Untitled1*
1 x<-as.data.frame (matrix(1:25,5,5,dimnames=list(letters[1:5],letters[22:26])))
2 x
3 x[2:3,2:4]
4 x[1:2*2,2*(1:3)-1]
5 x[rownames(x)>="c"&rownames(x)<="e",]
6 x[rownames(x)>="c"&rownames(x)<="e",colnames(x)>="x"&colnames(x)<="z"]
7 x["o"]=TRUE;x
Console Terminal Background Jobs
R 4.3.1 · ~/
v w x y z
a 1 6 11 16 21
b 2 7 12 17 22
c 3 8 13 18 23
d 4 9 14 19 24
e 5 10 15 20 25
> x[2:3,2:4]
w x y
b 7 12 17
c 8 13 18
> x[1:2*2,2*(1:3)-1]
v x z
b 2 12 22
d 4 14 24
> x[rownames(x)>="c"&rownames(x)<="e",]
v w x y z
c 3 8 13 18 23
d 4 9 14 19 24
e 5 10 15 20 25
> x[rownames(x)>="c"&rownames(x)<="e",colnames(x)>="x"&colnames(x)<="z"]
x y z
c 13 18 23
d 14 19 24
e 15 20 25
> x["o"]=TRUE;x
v w x y z o
a 1 6 11 16 21 TRUE
b 2 7 12 17 22 TRUE
c 3 8 13 18 23 TRUE
d 4 9 14 19 24 TRUE
e 5 10 15 20 25 TRUE
Environment History Connections Tutorial
x[rownames(x)>="c"&rownames(x)<="e",colnames(x)>="y"&colnames(x)<="z"]
x[rownames(x)>="c"&rownames(x)<="e",colnames(x)>="x"&colnames(x)<="z"]
x[rownames(x)>="c"&rownames(x)<="e",colnames(x)>="x"&colnames(x)<="z"]
x[rownames(x)>="c"&rownames(x)<="e",colnames(x)>="x"&colnames(x)<="z"]
x["o"]=TRUE
x
x<-as.data.frame (matrix(1:25,5,5,dimnames=list(letters[1:5],letters[22:26])))
x
x[2:3,2:4]
x[1:2*2,2*(1:3)-1]
x[rownames(x)>="c"&rownames(x)<="e",]
x[rownames(x)>="c"&rownames(x)<="e",colnames(x)>="x"&colnames(x)<="z"]
x["o"]=TRUE;x
Files Plots Packages Help Viewer Presentation
啟用 Windows
移至 [設定] 以啟用 Windows。
COMP -1.23%
搜尋
上午 11:33 2023/10/16