

Untitled1* Untitled1* Untitled1* Untitled1* Untitled3* Untitled1* Untitled2*

Source on Save

Run Source

```
1
2 year = as.integer(2014)
3 if((year %% 4) == 0) {
4   if((year %% 100) == 0) {
5     if((year %% 400) == 0) {
6       print(paste(year,"is a leap year"))
7     } else {
8       print(paste(year,"is not a leap year"))
9     }
10  } else {
11    print(paste(year,"is a leap year"))
12  }
13 } else {
14   print(paste(year,"is not a leap year"))
15 }
```

Environment History Connections Tutorial

127 MiB List

R Global Environment

Values

data	num [1:10] 12 8 4 16 15 ..
result.me	8.22
v	chr [1:5] "D" "R" "G" "A"
var	"var = as.integer(var);"
x	num [1:10] 12 7 3 4.2 18..
y	NA_real_
year	2014L

15:2 [Top Level]

R Script

Console Terminal Background Jobs

```
R 4.2.1 ~/  
> result.mean <- mean(x)  
> print(result.mean)  
[1] 8.22  
> year = as.integer(2014)  
> if((year %% 4) == 0) {  
+   if((year %% 100) == 0) {  
+     if((year %% 400) == 0) {  
+       print(paste(year,"is a leap year"))  
+     } else {  
+       print(paste(year,"is not a leap year"))  
+     }  
+   } else {  
+     print(paste(year,"is a leap year"))  
+   }  
+ } else {  
+   print(paste(year,"is not a leap year"))  
+ }  
[1] "2014 is not a leap year"  
> v <- c('D','R','G','A','X')  
> sort(v)  
[1] "A" "D" "G" "R" "X"  
> sort(v, decreasing=TRUE)  
[1] "X" "R" "G" "D" "A"  
>
```

Files Plots Packages Help Viewer Presentation