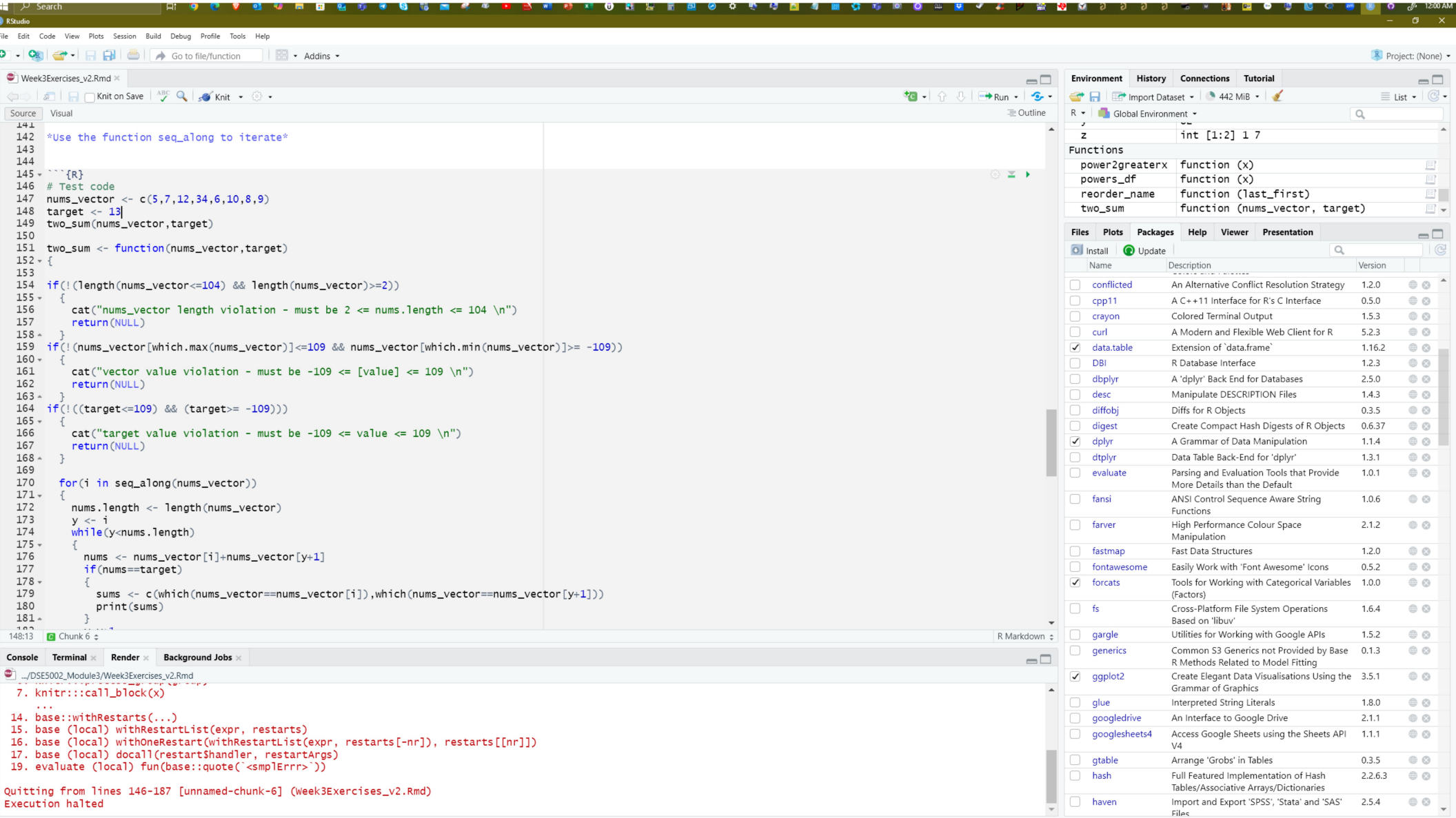
Use the function seq_along to iterate
```{R}
# Test code
nums_vector <- c(5,7,12,34,6,10,8,9)
target <- 13
two_sum(nums_vector,target)
two_sum <- function(nums_vector,target)
{
if(!(length(nums_vector<=104) && length(nums_vector)>=2))
{
cat("nums_vector length violation - must be 2 <= nums.length <= 104 \n")
return(NULL)
}
if(!(nums_vector[which.max(nums_vector)]<=109 && nums_vector[which.min(nums_vector)]>= -109))
{
cat("vector value violation - must be -109 <= [value] <= 109 \n")
return(NULL)
}
if(!((target<=109) && (target>= -109)))
{
cat("target value violation - must be -109 <= value <= 109 \n")
return(NULL)
}
for(i in seq_along(nums_vector))
{
nums.length <- length(nums_vector)
y <- i
while(y<nums.length)
{
nums <- nums_vector[i]+nums_vector[y+1]
if(nums==target)
{
sums <- c(which(nums_vector==nums_vector[i]),which(nums_vector==nums_vector[y+1]))
print(sums)
}
Environment
History
Connections
Tutorial
Import Dataset
442 MiB
List
Global Environment
z
int [1:2] 1 7
Functions
power2greaterx
function (x)
powers_df
function (x)
reorder_name
function (last_first)
two_sum
function (nums_vector, target)
Files
Plots
Packages
Help
Viewer
Presentation
Install
Update
Name
Description
Version
conflicted
An Alternative Conflict Resolution Strategy
1.2.0
cpp11
A C++11 Interface for R's C Interface
0.5.0
crayon
Colored Terminal Output
1.5.3
curl
A Modern and Flexible Web Client for R
5.2.3
data.table
Extension of `data.frame`
1.16.2
DBI
R Database Interface
1.2.3
dbplyr
A 'dplyr' Back End for Databases
2.5.0
desc
Manipulate DESCRIPTION Files
1.4.3
diffobj
Diffs for R Objects
0.3.5
digest
Create Compact Hash Digests of R Objects
0.6.37
dplyr
A Grammar of Data Manipulation
1.1.4
dtplyr
Data Table Back-End for 'dplyr'
1.3.1
evaluate
Parsing and Evaluation Tools that Provide More Details than the Default
1.0.1
fansi
ANSI Control Sequence Aware String Functions
1.0.6
farver
High Performance Colour Space Manipulation
2.1.2
fastmap
Fast Data Structures
1.2.0
fontawesome
Easily Work with 'Font Awesome' Icons
0.5.2
forcats
Tools for Working with Categorical Variables (Factors)
1.0.0
fs
Cross-Platform File System Operations Based on 'libuv'
1.6.4
gargle
Utilities for Working with Google APIs
1.5.2
generics
Common S3 Generics not Provided by Base R Methods Related to Model Fitting
0.1.3
ggplot2
Create Elegant Data Visualisations Using the Grammar of Graphics
3.5.1
glue
Interpreted String Literals
1.8.0
googledrive
An Interface to Google Drive
2.1.1
googlesheets4
Access Google Sheets using the Sheets API V4
1.1.1
gtable
Arrange 'Grobs' in Tables
0.3.5
hash
Full Featured Implementation of Hash Tables/Associative Arrays/Dictionaries
2.2.6.3
haven
Import and Export 'SPSS', 'Stata' and 'SAS' Files
2.5.4
Console
Terminal
Render
Background Jobs
.../DSE5002_Module3/Week3Exercises_v2.Rmd
7. knitr:::call_block(x)
...
14. base::withRestarts(...)
15. base (local) withRestartList(expr, restarts)
16. base (local) withOneRestart(withRestartList(expr, restarts[-nr]), restarts[[nr]])
17. base (local) docall(restart$handler, restartArgs)
19. evaluate (local) fun(base::quote(`<smplErrr>`))
Quitting from lines 146-187 [unnamed-chunk-6] (Week3Exercises_v2.Rmd)
Execution halted
```