

COP2073C Practice Exercise 5

The following image is a snip of a dataframe that provides examples of various argument matching types. The examples are not necessarily executable, they are strings that are provided to show the different types of arguments that R accepts.

	type	example
1	Partial	<code>matrix(da=1:9,nr=3,nc=3,di=list(c('A','B','C'),c('D','E','F')))</code>
2	Positional	<code>matrix(1:9,3,3,FALSE,list(c('A','B','C'),c('D','E','F')))</code>
3	Exact	<code>matrix(data=1:9, nrow=3, ncol=3, byrow=FALSE,dimnames=...</code>

- Recreate the data frame in an R script and complete the following additional steps:
 - Write the data frame to a CSV file (set **row.names = FALSE**)
 - Use the `rm()` function to delete the data frame from your R environment.
 - Read the data back into your environment from the CSV file and display the contents.
 - Use the `View()` function to display the data frame with aligned formatting, as demonstrated in the provided image (the example column is truncated when using `View`, but we'll allow that).

Non-Functional Requirements:

- Include a 4-line ID header at the beginning of your script.
- Comment your code thoughtfully (avoid excessive commenting).
- Ensure each line of code does not exceed 80 columns. Note that R does not provide an easy way to break up string literals like other languages; instead, you can use the “`paste0`” or “`paste`” function. Use `paste0()` if no spaces between strings are needed, or `paste()` if you want more control over separators. In my solution I used `paste0`.