

**R Commands**

<b>Commands</b>	<b>Description</b>	<b>Example</b>
<code>help()</code> or <code>?</code>	Primary interface to the help system	<code>help("base")</code> <code>?base</code>
<code>help.start()</code>	Start the hypertext (currently HTML) version of R's online documentation	<code>help.start()</code>
<code>help.search()</code> or <code>??</code>	Searching the help system	
<code>example()</code>	Run an Examples Section from the Online help	<code>example("lapply")</code>
<code>licence()</code> or <code>license()</code>	The license terms under which R is distributed	<code>license()</code> <code>licence()</code>
<code>citation()</code>	Citing R and R Packages in Publications	<code>citation()</code> <code>citation(package = "base")</code>
<code>demo()</code>	Demonstrations of R Functionality	<code>demo(lm.glm, package = "stats")</code>
<code>contributors()</code>	R Project Contributors	<code>contributors()</code>
<code>library()</code> or <code>require()</code>	Loading/Attaching and Listing of Packages	<code>library(stats4)</code> <code>require(stats4)</code>
<code>deattach()</code>	Detach Objects from the Search Path	<code>detach(package:stats4)</code>
<code>installed.packages()</code>	Find Installed Packages	<code>installed.packages()</code>
<code>available.packages()</code>	List available packages in the CRAN-like repositories	<code>available.packages()</code>
<code>update.packages()</code>	Compare Installed Packages with CRAN-like Repositories	<code>update.packages()</code>
<code>getwd()</code>	Get Working Directory	<code>getwd()</code>
<code>setwd()</code>	Set Working Directory	<code>setwd()</code>
<code>dir()</code>	List the Files in a Directory/Folder	<code>dir()</code>
<code>list.files()</code>	List the Files in a Directory/Folder	<code>list.files()</code>
<code>list.dirs()</code>	List the Files in a Directory/Folder	<code>list.dirs()</code> or <code>list.dirs(path="c:/users/")</code>
<code>objects()</code> or <code>ls()</code>	List Objects	<code>objects()</code> or <code>ls()</code>
<code>rm()</code>	Remove Objects from a Specified Environment	<code>rm(object name)</code>

		rm(zi)
str()	Display the structure of the Object	str(object_name) str(y)
file.info()	Extract file information	file.info("file_name")
file.exists()	returns a logical vector	file.exists("file_name")
file.create()	creates files in the directory	file.create("file_name")
file.remove()	Remove file in the directory	file.remove("file_name")
file.rename()	Renaming the files	file.rename("old_file_name", "new_file_name")
file.copy()	Copy file from one location to other location	file.copy("file_location", "new_location")
file.append()	attempts to append the files	file.append("file1", "file2")
dir.create()	Creates directory	dir.create("directory_name")
dir.exists()	Returns a logical vector	dir.exists("directory_name")
unlink()	Delete files and directories	unlink("directory_name", recursive=t)
file.show()	Display the files	file.show("file_name")
file.edit()	Edit files	file.edit("file_name")
edit()	Invoke a text editor	edit(file="file_name")
print()	Print values	print("hello world")

Some math functions:-

log() → log(value)

sum() → sum(numbers)

log10() → log10(value)

mean() → mean(sum/total numbers)

log(value, number) → log(10, 4)

exp() → exp(value)

sqrt() → sqrt(value)

round() → round(value)