ICS321 Data Warehousing and Data Mining
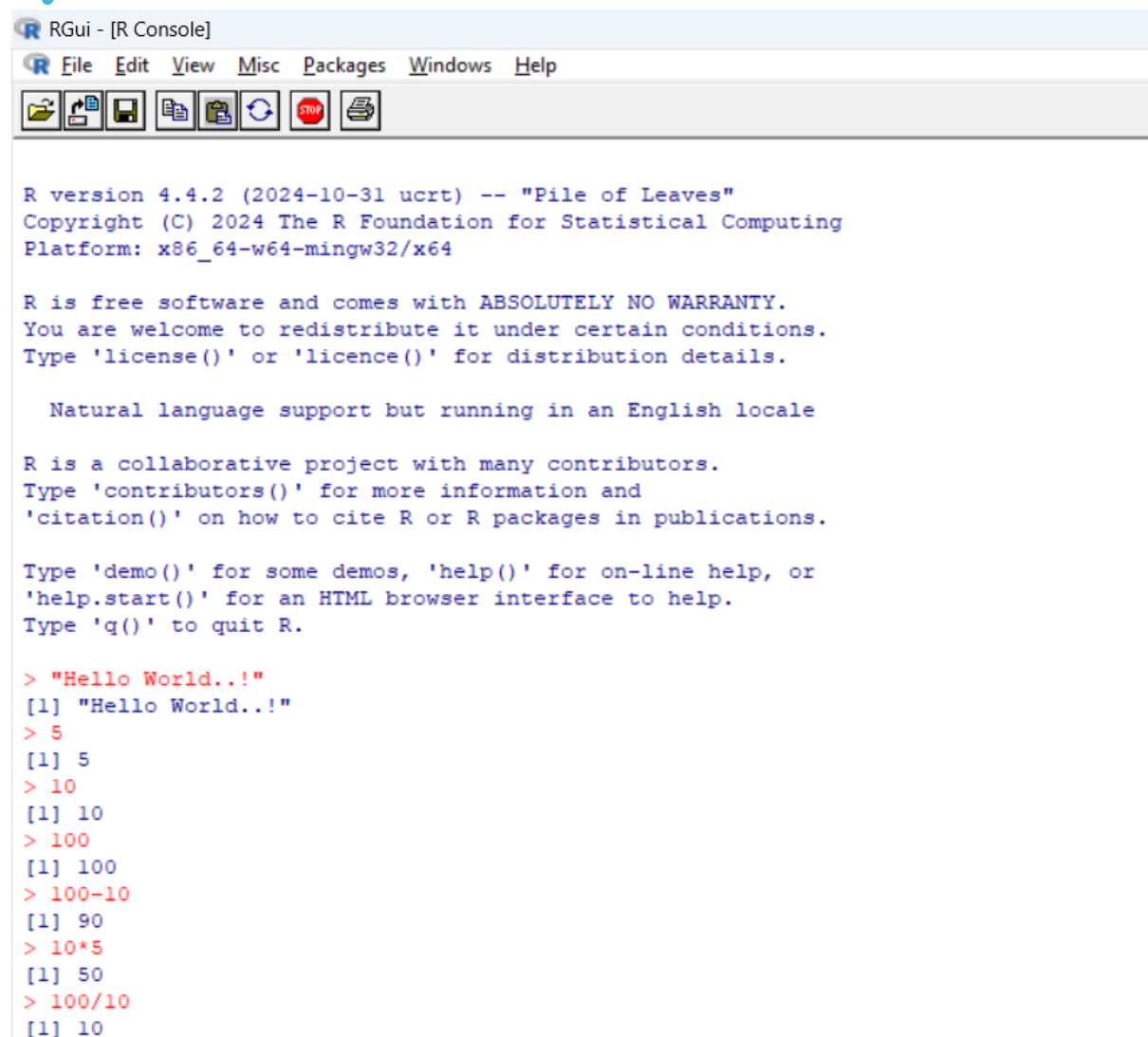
LAB 1 - 09/01/25

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Batch-3.

Syntax:

```
R RGui - [R Console]
R File  Edit  View  Misc  Packages  Windows  Help

R version 4.4.2 (2024-10-31 ucrt) -- "Pile of Leaves"
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Platform: x86_64-w64-mingw32/x64

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  Natural language support but running in an English locale

R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

> "Hello World..!"
[1] "Hello World..!"
> 5
[1] 5
> 10
[1] 10
> 100
[1] 100
> 100-10
[1] 90
> 10*5
[1] 50
> 100/10
[1] 10
```

Print:

```
> print("Hello World..!")
[1] "Hello World..!"
> for (x in 1:10) {
+ print(x)
+ }
[1] 1
[1] 2
[1] 3
[1] 4
[1] 5
[1] 6
[1] 7
[1] 8
[1] 9
[1] 10
```

Variables in R:

```
> name <- "Manohar"
> age <- 20
> name
[1] "Manohar"
> age
[1] 20
```

Concatenate Elements:

```
> text <- "awesome"
> paste("R is ",text)
[1] "R is  awesome"
> text1 <- "R is"
> text2 <- "awesome"
> paste(text1,text2)
[1] "R is awesome"
> text1 <- "Manohar Reddy"
> text2 <- "Roll.No: 2022BCD0027"
> paste(text1,text2)
[1] "Manohar Reddy Roll.No: 2022BCD0027"
>
```