Data Science using R

Experiment No. 01

AIM ⓐ Installation and Configuration of R studio.
ⓑ Write an R/python program to take input from the user (name and age) and display the values.

Also print the version of R installation.

Theory →

ⓐ Steps to install the R studio.

Installing R studio on windows operating system →

Step ① → Go to CRAN R project website.
step ② → Clink on the base subdirectory linkor install R for the first time link.
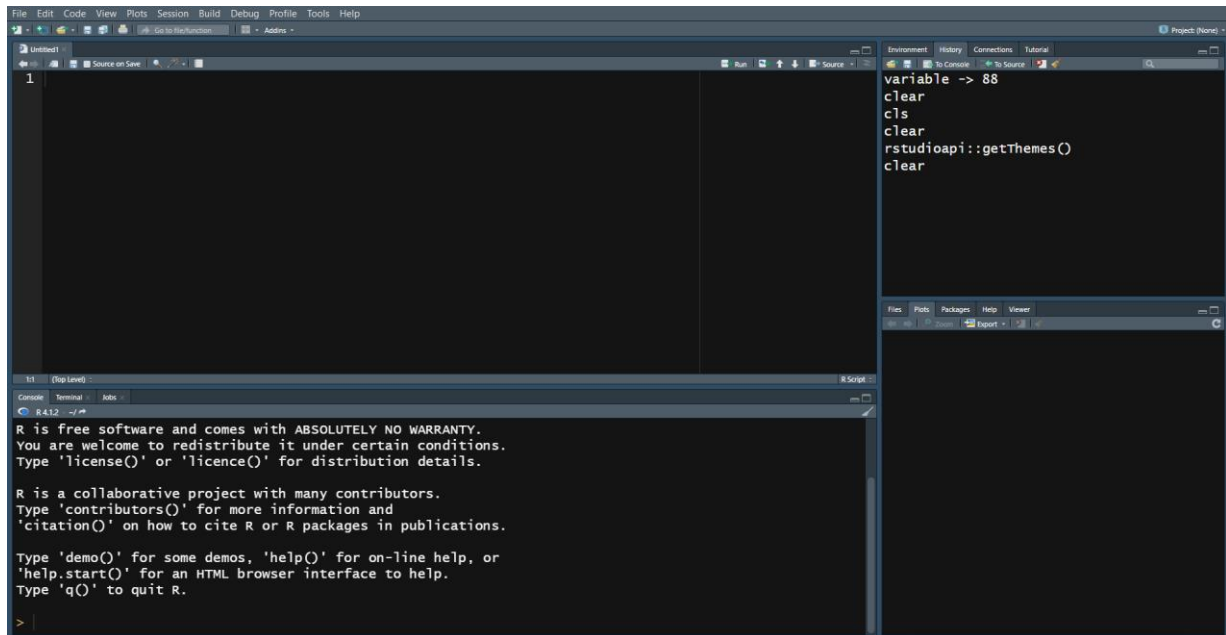step ③ → Click download R for windows.
step ④ → Run the .exe file downloaded
step ⑤ → Later select the desired language for installation and agree the license for the installation and click Next.
step ⑥ → Keep the settings default and install the R studio

Conclusion → Thus, We Successfully installed the R studio and Implemed program over it wing R programming language.

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Steps for the R installation:

Program Code:

Using Python Programming Language:

Name = input("Please Enter your Name:")

Age = int(input("Please Enter your Age:"))

print(Name)

print(Age)

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Program output:

```
PS R:\Machine_Learning\Coursera> python -u "r:\Machine_Lear
Please Enter your Name:Rudraksh
Please Enter your Age:19
Rudraksh
19
```

Using R programming Code:

Name <- readline(prompt="Enter name: ")

Age <- readline(prompt="Enter age: ")

Age <- as.integer(my.age)

print(paste("Name provided is,", Name, "and you're ", Age, "years old."))

```
1  Name <- readline(prompt="Enter name: ")
2  Age <- readline(prompt="Enter age: ")
3
4  Age <- as.integer(Age)
5  print(paste("Name provided is,", Name, "and you're ", Age, "years old."))
6
7
8  |
```

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Program Output:

```
>
> source("R:/GHRCEM/R  Programming Language/Hello_World.R")
Enter name: Rudraksh_Karpe
Enter age: 20
[1] "Name provided is, Rudraksh_Karpe and you're  20 years old."
```