#### KNow me! R

Zulquar Nain

February 3, 2024

## Let's start



Zulquar Nain (AMU) ECM2073 February 3, 2024

#### Installation of R

- STEP1: Go to the website https://cran.r-project.org/
- Step 2: Download and install R on your system.



Zulquar Nain (AMU)

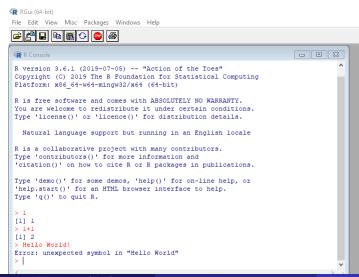
About R

R Homepage The R Journal

Windows and Mac users most likely want to download the r February 3, 2024

Source Code for all Platforms

#### Plain R user interface with some text entered



Zulquar Nain (AMU)

## Let's start

#### R-Studio



RStudio: Dashboard



Zulquar Nain (AMU) ECM2073 February 3, 2024

#### Let's Start RStudio

You can work directly in R, but a graphical interface is more convinient. One of most popular/useful is RStudio, an integrated development environment (IDE)

- a console
- a powerful code/script editor featuring
- special tools for plotting, viewing R objects and code history
- cheatsheets for R programming
- tab-completion for object names and function arguments

6/14

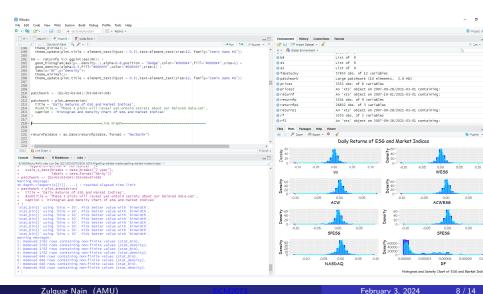
#### Installation of R-studio

- Step 1: Go to the link- https://posit.co/
- Step 2: Download and install Rstudio on your system



Zulguar Nain (AMU)

#### R-studio Overview



Zulguar Nain (AMU) February 3, 2024

# Getting help- Inside R

#### R Help

- help("apply") # get help for the function
- ?apply # The same. saves typing effort.
- # Press F1 while the cursor is at a command.
- ?read.table
- help.search("data input") # search by specific subject
- find("package name") # Tells about the package
- help.start() # html help Manuals, Material, search engine

# Getting Help-Outside R

• R-Manuals for introduction to the language

• Ref Cards: base and advanced cheatsheets from Rstudio

• StackOverflow for programming questions ← main resource

Zulquar Nain (AMU) February 3, 2024

10 / 14

### Books and on Internet

• Grolemund & Wickham (2017) R for Data Science

Using R for Introductory Econometrics by Florian Heiss

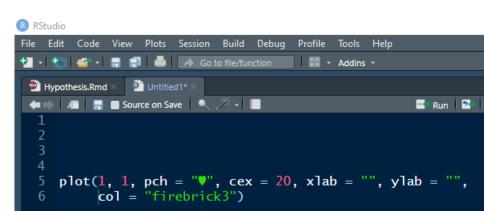
• R Tutorials

Need Motivation!Click HERE

11 / 14

### At YOUR Home!

- Basic Statistics
- Correlation, Frequency Table
- T-test
- Regression
- Graphs



Zulquar Nain (AMU) EGN2079 February 3, 2024 13 / 14

