R-Language

# Introduction to R:

* There are two tools to work on R-language
* Tools:

1. R interface
2. R studio

* R-Studio is an IDE to work with R scripts
* Every R script is saved with .R extension
* R studio has windows to work with R script

Experiment-1: R AS CALCULATOR APPLICATION

a)Using with and without R objects on console

On console just type the operations you have to perform

Without Objects

>222+333

>555-333

>2\*3

>555/5

With Objects

>A=1000

>B=5000

>C=A+B

>print(C)

b)Using mathematical functions on console

#Finding datatype

>A=100

>class(a)

#Finding Sum

>A=10

>B=20

>sum(A+B)

c)Write an R script to create R objects for calculator application and saved in a specified location in disk

#Getting current working directory

>getwd()

#Saving file

>write.csv(<filename>,’<filename>.csv’)

#Reading a file

>a=read.csv(‘<filename>.csv’)

>print(a)