11TH MAY ASSIGNMENET

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ATTACHMENTS:Screenshots

Q1.EXPLAIN R PROGRAMMING AND ITS APPLICATIONS

R is a **programming language** and software environment for statistical analysis, graphics representation and reporting. ... This **programming language** was named **R**, based on the first letter of first name of the two **R** authors (Robert Gentleman and Ross Ihaka), and partly a play on the name of the Bell Labs **Language** S.

Many quantitative analysts **use R** as their **programming** tool. Hence, **R** helps in data importing and cleaning, depending on what manner of strategy you are using on. **R** is best for data Science because it gives a broad variety of statistics. In addition, **R** provides the environment for statistical computing and design.

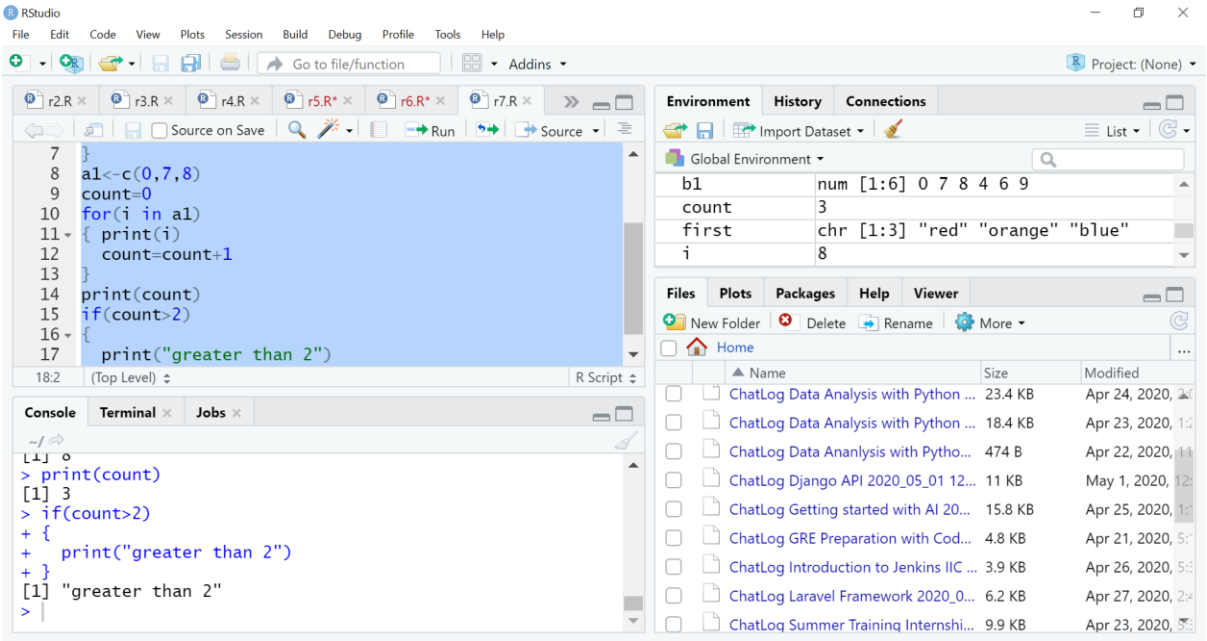
Applications of R Programming

- Finance. Data Science is most widely used in the financial industry. ...
- Banking. Just like financial institutions, banking industries make use of R for credit risk modeling and other forms of risk analytics. ...
- Healthcare. ...
- Social Media. ...
- E-Commerce. ...
- Manufacturing.

Q2.EXPLAIN R STUDIO INSTALLATION WITH SS.

To Install RStudio

1. Go to www.rstudio.com and click on the "Download RStudio" button.
2. Click on "Download RStudio Desktop."
3. Click on the version recommended for your system, or the latest Windows version, and save the executable file. Run the .exe file and follow the installation instructions.


RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Go to file/function
Addins
Project: (None)
r2.R r3.R r4.R r5.R* r6.R* r7.R
Source on Save
Run
Source
}
a1<-c(0,7,8)
count=0
for(i in a1)
{ print(i)
count=count+1
}
print(count)
if(count>2)
{
print("greater than 2")
18:2
(Top Level)
R Script
Console
Terminal
Jobs
> print(count)
[1] 3
> if(count>2)
+ {
+ print("greater than 2")
+ }
[1] "greater than 2"
Environment
History
Connections
Import Dataset
List
Global Environment
b1 num [1:6] 0 7 8 4 6 9
count 3
first chr [1:3] "red" "orange" "blue"
i 8
Files
Plots
Packages
Help
Viewer
New Folder
Delete
Rename
More
Home
Name
Size
Modified
ChatLog Data Analysis with Python ... 23.4 KB Apr 24, 2020,
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