Experiment 1.1

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Branch: BE-CSE   **Section/Group:20BCS_DM-716 B**

Semester: 6   **Date of Performance: 14/02/23**

Subject Name: DM LAB   **Subject Code: 20CSP_376**

AIM :-

Demonstration of preprocessing on .arff file using student data .arff.
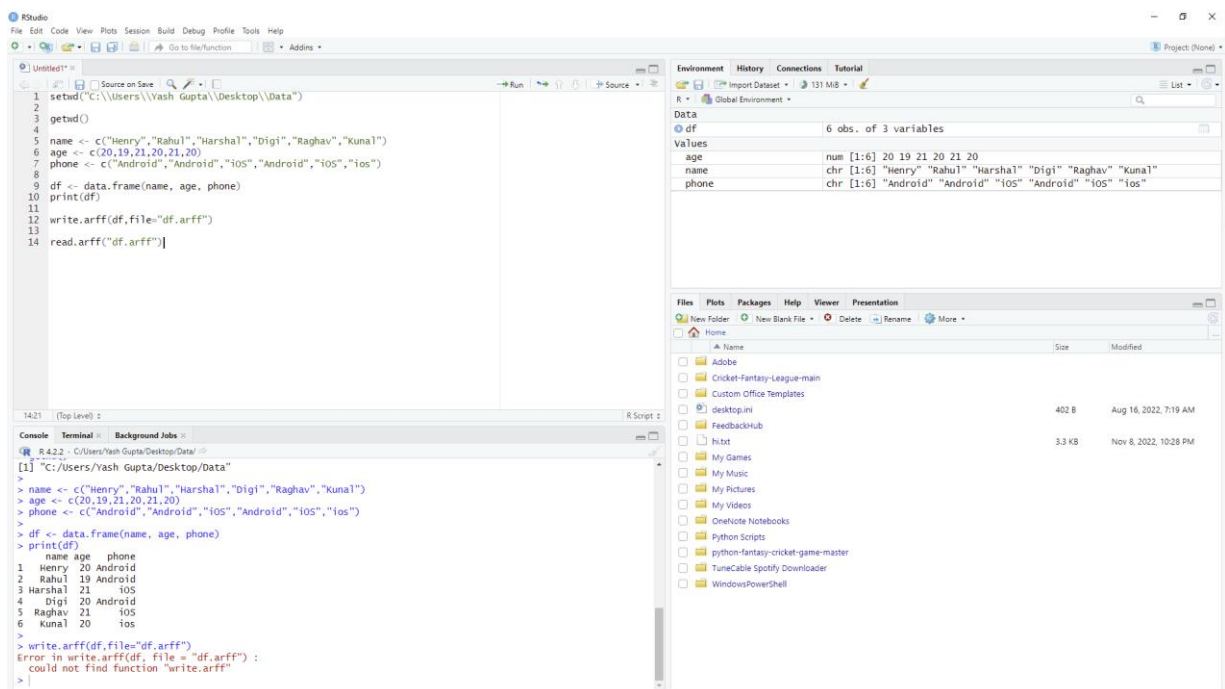
setwd("C:\\Users\\Yash Gupta\\Desktop\\Data")

getwd()

name <- c("Henry","Rahul","Harshal","Digi","Raghav","Kunal")

age <- c(20,19,21,20,21,20)

phone <- c("Android","Android","iOS","Android","iOS","ios")

df <- data.frame(name, age, phone)

print(df)

write.arff(df,file="df.arff")

read.arff("df.arff")

```
Weka Explorer                                                    —    □    ×

Preprocess  Classify  Cluster  Associate  Select attributes  Visualize

[ Open file... ] [ Open URL... ] [ Open DB... ] [ Generate... ]  Undo  [ Edit... ]  [ Save... ]

Filter
[ Choose ]  None                                              [ Apply ] [ Stop ]

Current relation                              Selected attribute
  Relation: R_data_frame      Attributes: 3     Name: name                      Type: String
  Instances: 6            Sum of weights: 6     Missing: 0 (0%)   Distinct: 6    Unique: 6 (100%)

Attributes
[ All ]  [ None ]  [ Invert ]  [ Pattern ]

No.      Name
  1  □ name
  2  □ age
  3  □ phone

                                              Class: phone (Str)        ▼   [ Visualize All ]

                                                  Attribute is neither numeric nor nominal.

[ Remove ]

Status
OK                                                            [ Log ]     x 0
```

```
df - Notepad                                                    —    □    ×

File  Edit  Format  View  Help
@relation R_data_frame

@attribute name string
@attribute age numeric
@attribute phone string

@data
Henry,20,Android
Rahul,19,Android
Harshal,21,iOS
Digi,20,Android
Raghav,21,iOS
Kunal,20,ios
```