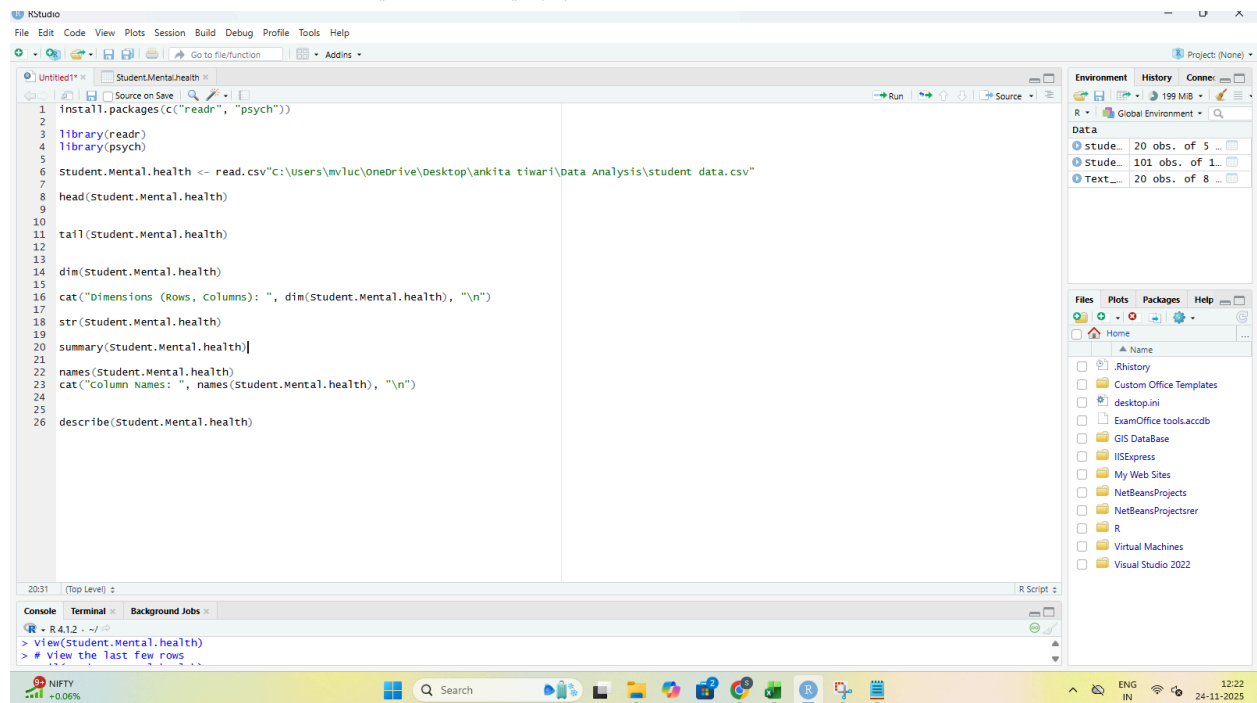
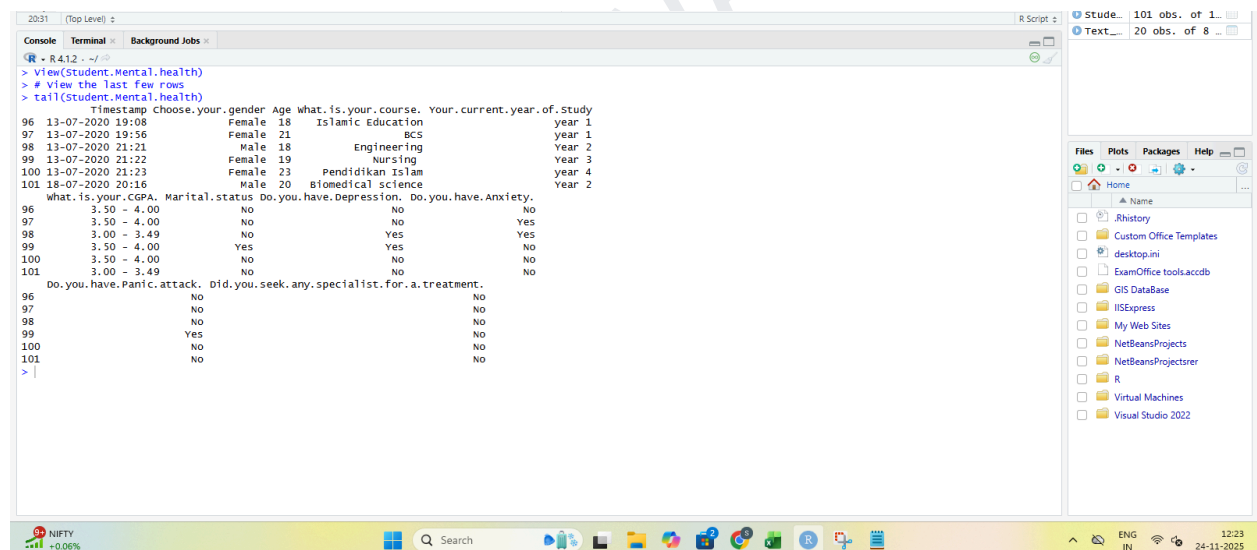


# MVLU COLLEGE

**AIM:**Exploring data: View() or print() (R).



```
1 install.packages(c("readr", "psych"))
2
3 library(readr)
4 library(psych)
5
6 Student.Mental.health <- read.csv("c:\\users\\mvlu\\oneDrive\\Desktop\\ankita tiwari\\Data Analysis\\student data.csv")
7
8 head(Student.Mental.health)
9
10 tail(Student.Mental.health)
11
12 dim(Student.Mental.health)
13
14 cat("Dimensions (Rows, Columns): ", dim(Student.Mental.health), "\n")
15
16 str(Student.Mental.health)
17
18 summary(Student.Mental.health)
19
20 names(Student.Mental.health)
21
22 cat("Column Names: ", names(Student.Mental.health), "\n")
23
24 describe(Student.Mental.health)
```



```
> View(Student.Mental.health)
> # view the last few rows
> tail(Student.Mental.health)
```

	Timestamp	Choose.your.gender	Age	what.is.your.course	Your.current.year.of.study
96	13-07-2020 19:08	Female	18	Islamic Education	year 1
97	13-07-2020 19:56	Female	21	BGS	year 1
98	13-07-2020 21:21	Male	18	Engineering	Year 2
99	13-07-2020 21:22	Female	19	Nursing	Year 2
100	13-07-2020 21:23	Female	23	Pendidikan Islam	year 4
101	18-07-2020 20:16	Male	20	Biomedical science	Year 2

```
what.is.your.CGPA. Marital.status Do.you.have.Depression. Do.you.have.Anxiety.
96 3.50 - 4.00 No No No
97 3.50 - 4.00 No No Yes
98 3.00 - 3.49 No Yes Yes
99 3.50 - 4.00 Yes Yes No
100 3.50 - 4.00 No No No
101 3.00 - 3.49 No No No

Do.you.have.Panic.attack. Did.you.seek.any.specialist.for.a.treatment.
96 No No No
97 No No No
98 No No No
99 Yes No No
100 No No No
101 No No No
```

**ANKITA TIWARI**

**SYCS**

**S122**

**Data Analysis with SAS / SPSS /R PRACTICAL NO.3**

# MVLU COLLEGE

```
Console Terminal Background Jobs
R 4.1.2 ~ /
> summary(Student.Mental.health)
      Timestamp Choose.your.gender Age      what.is.your.course Your.current.year.of.Study what.is.your.CGPA Marital.status
08-07-2020 12:39: 3 Female:75      Min. :18.00      BCS              :18      year 1:41      0 - 1.99 : 4      No :85
13-07-2020 10:12: 3 Male :26      1st Qu.:18.00      Engineering :17      Year 1: 2      2.00 - 2.49 : 2      Yes:16
08-07-2020 12:43: 2      Median :19.00      BIT          :10      year 2:10      2.50 - 2.99 : 4
08-07-2020 13:13: 2      Mean :20.53      Biomedical science: 4      Year 2:16      3.00 - 3.49 :43
08-07-2020 14:29: 2      3rd Qu.:23.00      KDE          : 4      year 3: 5      3.50 - 4.00 :47
08-07-2020 14:43: 2      Max. :24.00      BNEL        : 2      year 3:19      3.50 - 4.00 : 1
(Other) :87      NA's :1      (Other)      :46      year 4: 8
Do.you.have.Depression. Do.you.have.Anxiety. Do.you.have.Panic.attack. Did.you.seek.any.specialist.for.a.treatment.
No :66      No :67      No :68      No :95
Yes:35      Yes:34      Yes:33      Yes: 6

> names(Student.Mental.health)
[1] "Timestamp"      "Choose.your.gender"      "Age"
[4] "what.is.your.course."      "Your.current.year.of.Study"      "what.is.your.CGPA."
[7] "Marital.status"      "Do.you.have.Depression."      "Do.you.have.Anxiety."
[10] "Do.you.have.Panic.attack."      "Did.you.seek.any.specialist.for.a.treatment."

> cat("Column Names: ", names(Student.Mental.health), "\n")
Column Names: Timestamp Choose.your.gender Age what.is.your.course Your.current.year.of.Study what.is.your.CGPA Marital.status Do.you.have.Depression. Do.you.ha
```

ANKITA TIWARI

SYCS

S122

Data Analysis with SAS / SPSS /R PRACTICAL NO.3