

**Sheth L.U.J & Sir M.V College  
SAS/SPSS/R  
Practical No.5**

Aim: Sorting data using `arrange()` in R.

## Output:

The screenshot shows an RStudio interface with two panes. The left pane contains R code for reading brain tumor data, calculating mean and contrast matrices, and performing PCA. The right pane shows a file browser with various R and CSV files.

```
library(dplyr)
brain <- read.csv("brain_tumor.csv")
brain_sorted_mean <- brain %>
  arrange(Mean)
head(brain_sorted_mean, 5)

brain_sorted.contrast_desc <- brain %>
  arrange(desc(Contrast))
head(brain_sorted.contrast_desc, 5)

brain_multi_pct <- brain %>
  arrange(class, desc(crossentropy))
head(brain_multi_pct, 10)

```

File browser:

- Home
- ARD Practical CMPCodes (105 MB)
- Custom Office Resources
- Desktop (407 KB)
- Java PPT files (203 MB)
- My Books
- My Pictures
- My Videos
- Replies
- Recent Games
- Werner\_Solution (252 kB)
- BrainTumor.csv (857 kB)
- Heart.csv (372 KB)
- iris.csv (36 kB)
- Pendred Calculations (43 kB)
- simulations (1072 kB)
- source\_code.csv (5.9 MB)
- Student Analysis Health.xlsx (7.6 kB)
- student\_assessments (52 kB)
- Superiorizer (2.2 MB)
- Tidy TMA (66 kB)
- bioRxiv (11.1 kB)

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