```
install.packages("ggplot2")
install.packages("ggrepel")
install.packages("plotly")
install.packages("tidyverse")
```

```
v <- c(17, 25, 38, 13, 41)
t <- c(22, 19, 36, 19, 23)
m <- c(25, 14, 16, 34, 29)
plot(v, type = "o", col = "red",
xlab = "Month", ylab = "Article Written ",
main = "Article Written chart")
lines(t, type = "o", col = "blue")
lines(m, type = "o", col = "green")
```

```
library(tidyverse)
students <- data.frame(
Name = c("Alice", "Bob", "Charlie", "David", "Eve"),
Age = c(20, 22, 21, 23, 24),
Math_Score = c(85, 78, 92, 70, 88),
English_Score = c(82, 80, 90, 75, 85),
History_Score = c(88, 85, 94, 72, 90)
)
avg_scores <- students %>%
summarise(
Avg_Math = mean(Math_Score),
Avg_English = mean(English_Score),
Avg_History = mean(History_Score)
)
avg_scores_melted <- avg_scores %>%
  pivot_longer(cols = starts_with("Avg_"), names_to = "Subject", values_to = "Average_Score")

ggplot(avg_scores_melted, aes(x = Subject, y = Average_Score, fill = Subject)) +
geom_bar(stat = "identity") +
labs(x = "Subject", y = "Average Score", title = "Average Scores by Subject") +
theme_minimal()
```