EXPERIMENT NO 3

CODE :

 # Scatter Plot: Sepal Length vs Sepal Width

```
# Load necessary library
library(ggplot2)
# Load iris dataset
data(iris)
# Scatter Plot: Sepal Length vs Sepal Width
ggplot(iris, aes(x=Sepal.Length, y=Sepal.Width, color=Species)) +
  geom_point() +
  labs(title="Scatter Plot: Sepal Length vs Sepal Width")
```
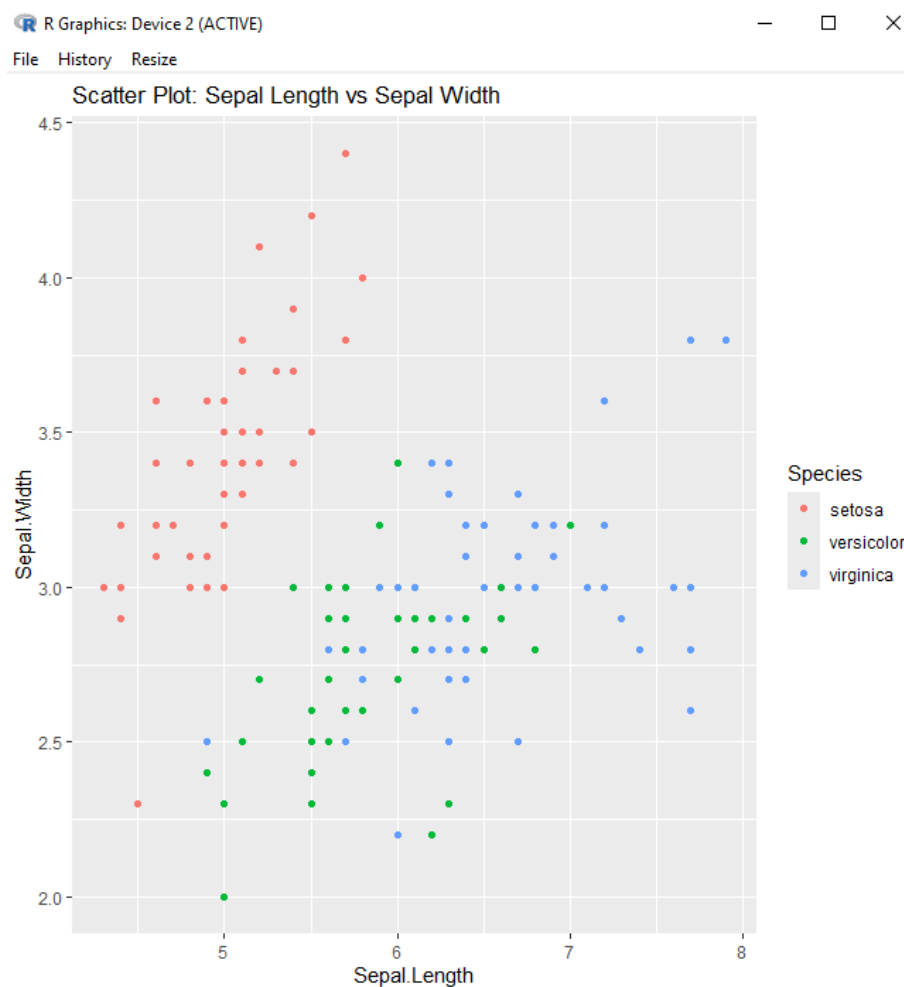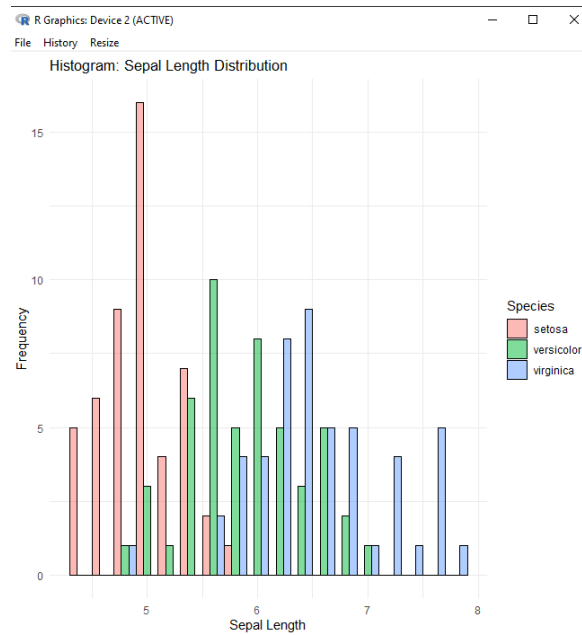
Histogram: Sepal Length Distribution

```
ggplot(iris, aes(x=Sepal.Length, fill=Species)) +
  geom_histogram(binwidth=0.2, alpha=0.5, color="black", position="dodge") +
  labs(title="Histogram: Sepal Length Distribution", x="Sepal Length", y="Frequency") +
  theme_minimal()
```


Boxplot: Sepal Length by Species

```
ggplot(iris, aes(x=Species, y=Sepal.Length, color=Species)) +
  geom_boxplot() +
  labs(title="Boxplot: Sepal Length by Species")
```