

```
A <- c(20, 13, 43, 19, 25)
```

```
#Simple Bar Chart
```

```
barplot(A, xlab = "X-axis", ylab = "Y-axis", main = "Bar Chart")
```

```
#Horizontal Bar Chart
```

```
barplot(A, horiz = TRUE, xlab = "X-axis", ylab = "Y-axis", main = "Horizontal Bar Chart")
```

```
B <- c("Jan", "Feb", "Mar", "Apr", "May")
```

```
#Text and color Bar Chart
```

```
text(
```

```
x = barplot(A, names.arg = B, col = "magenta", ylim = c(0, max(A) * 2), xlab = "X-axis", ylab = "Y-axis",  
main = "Text and Color Bar Chart"),
```

```
y = A + 1, labels = A, pos = 3, cex = 1.2, col = "black"
```

```
)
```

```
#Grouped Bar Chart
```

```
colors <- c("orange", "red", "brown")
```

```
regions <- c("East", "West", "North")
```

```
Values <- matrix(c(2, 9, 3, 11, 9, 4, 8, 7, 3, 12, 5, 2, 8, 10, 11),
```

```
nrow = 3, ncol = 5, byrow = TRUE)
```

```
barplot(Values, main = "Total Revenue", names.arg = B,
```

```
xlab = "Month", ylab = "Revenue",
```

```
col = colors, beside = TRUE)
```

```
legend("topleft", regions, cex = 0.8, fill = colors)
```

```
#Stacked Bar Chart
```

```
barplot(Values, main = "Total Revenue", names.arg = B,  
        xlab = "Month", ylab = "Revenue",  
        col = colors)  
legend("topleft", regions, cex = 0.8, fill = colors)
```

```
#Simple Pie Chart
```

```
pie(A,B)
```

```
#Colored Pie Chart
```

```
pie(A, B, main = "Month Pie Chart", col = rainbow(length(A)))
```

```
#Percentage Pie Chart
```

```
piepercent <- round(100 * A / sum(A), 1)
```

```
pie(A, labels = piepercent, main = "Month Pie Chart", col = rainbow(length(A)))
```

```
legend("topleft", B, cex = 0.8, fill = rainbow(length((A))))
```

```
#Box Plot
```

```
# Give the chart file a name.
```

```
png(file = "boxplot.png")
```

```
# Plot the chart.
```

```
boxplot(mpg ~ cyl, data = mtcars, xlab = "Number of Cylinders",  
        ylab = "Miles Per Gallon", main = "Mileage Data")
```

```
# Save the file.
```

```
dev.off()
```

```
# Give the chart file a name.
```

```
png(file = "boxplot_with_notch.png")
```

```
# Plot the chart.
```

```
boxplot(mpg ~ cyl, data = mtcars,
```

```
  xlab = "Number of Cylinders",
```

```
  ylab = "Miles Per Gallon",
```

```
  main = "Mileage Data",
```

```
  notch = TRUE,
```

```
  varwidth = TRUE,
```

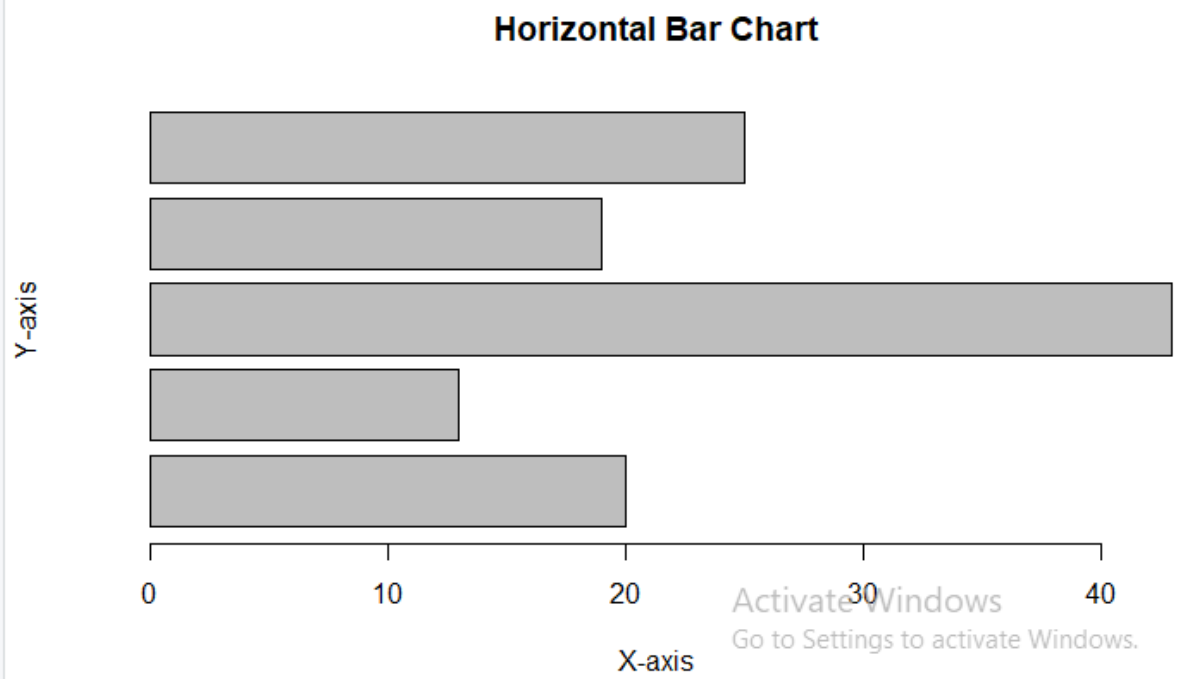
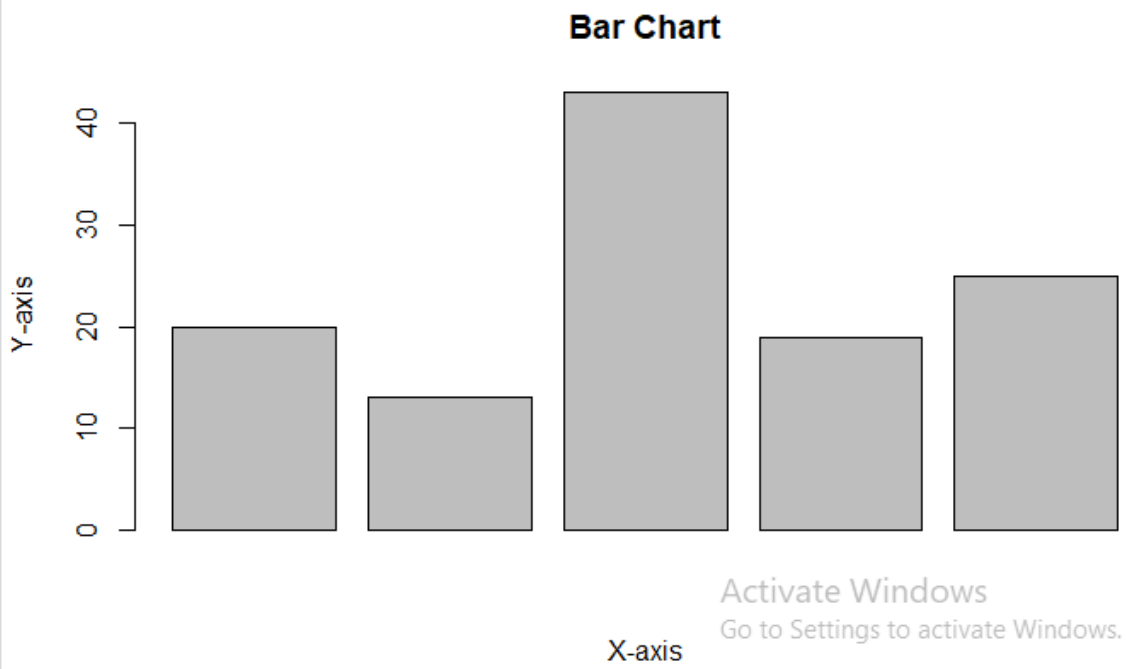
```
  col = c("green", "yellow", "purple"),
```

```
  names = c("High", "Medium", "Low")
```

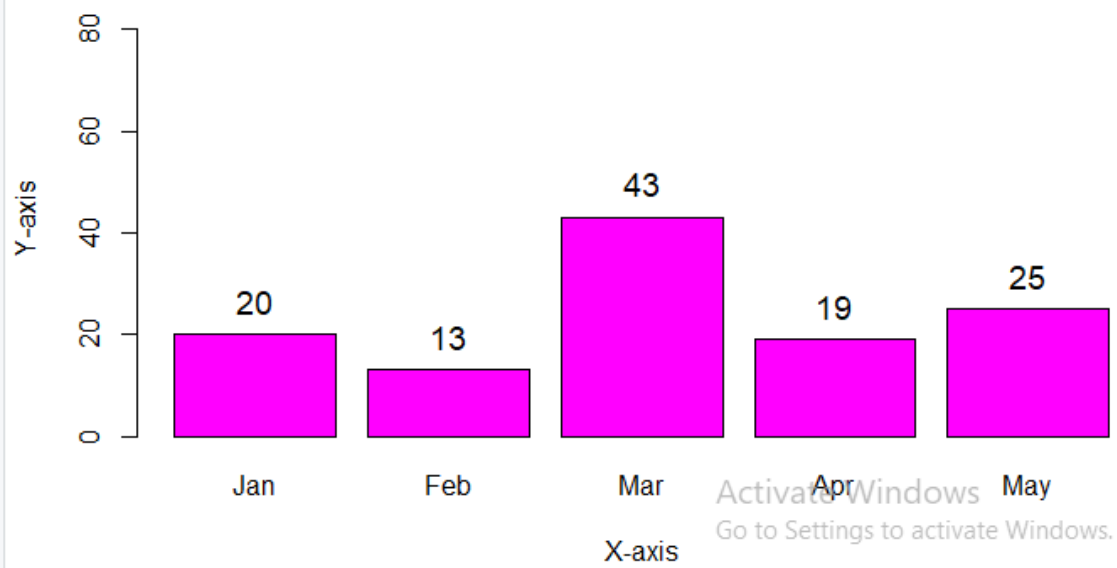
```
)
```

```
# Save the file.
```

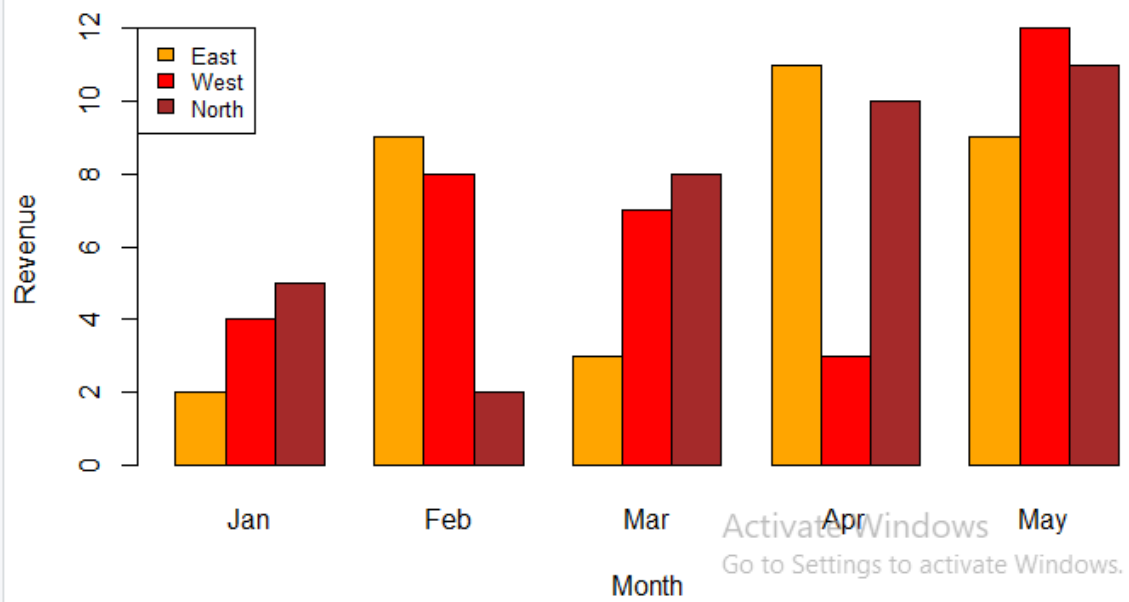
```
dev.off()
```

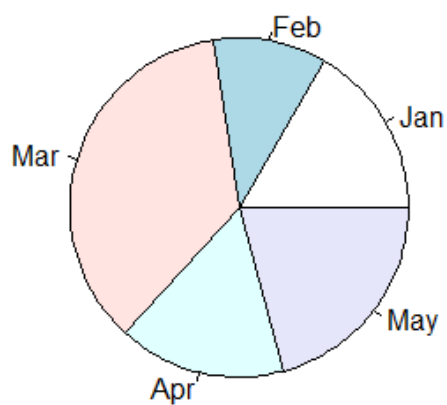
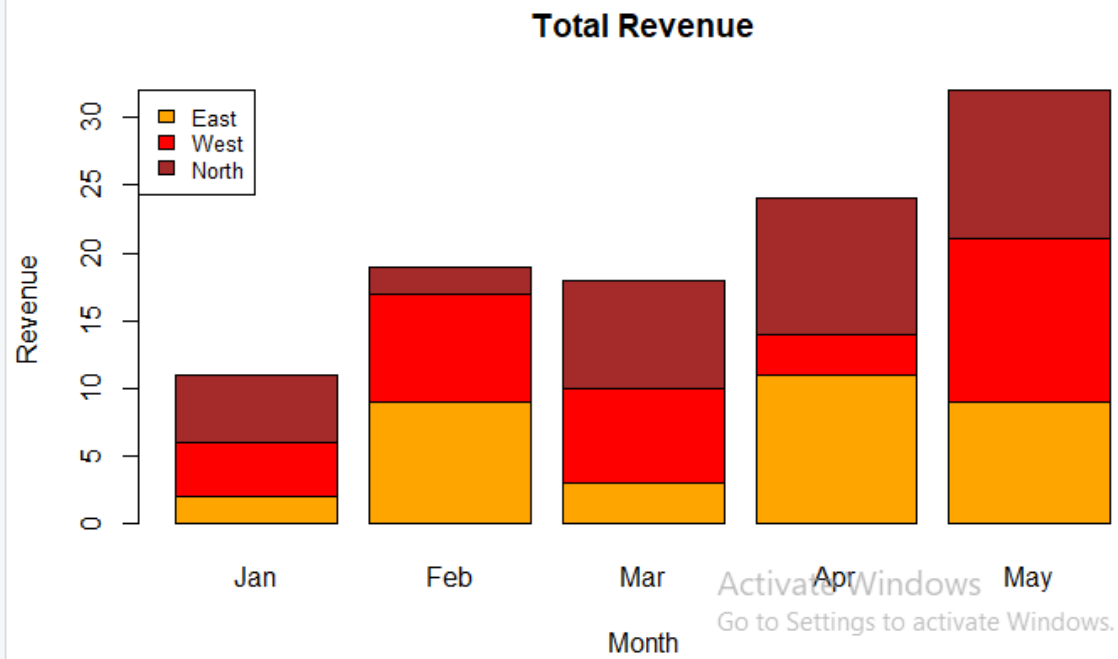


**Text and Color Bar Chart**

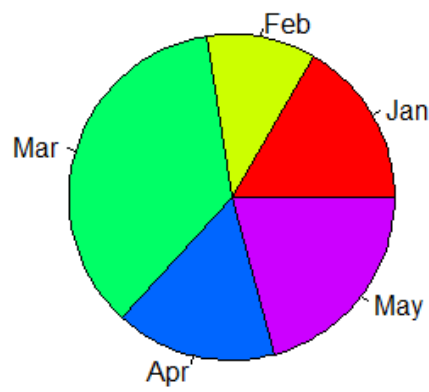


**Total Revenue**



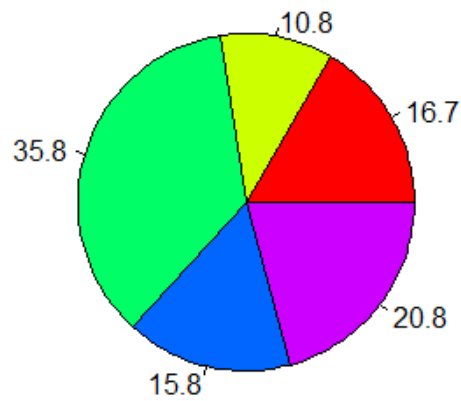
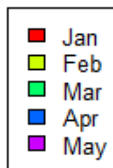


**Month Pie Chart**



Activate Windows  
Go to Settings to activate Windows.

**Month Pie Chart**



Activate Windows  
Go to Settings to activate Windows.