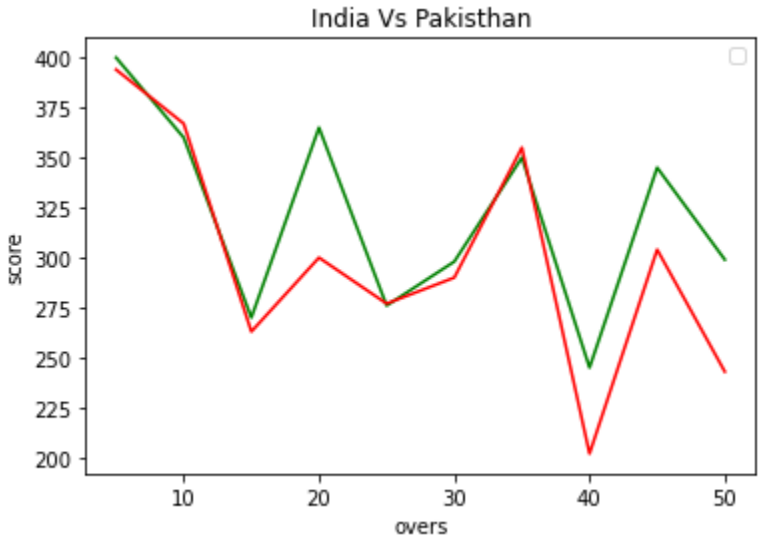
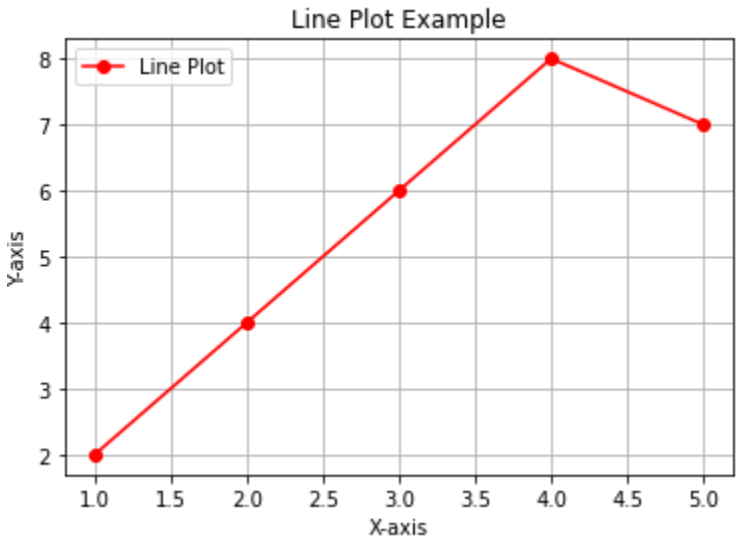
```
#M VISHAL
#240701598
#22-07-2025
#Line plot
import matplotlib.pyplot as plt
overs=list(range(5,51,5))
India=[400,360,270,365,276,298,350,245,345,299]
Pakisthan=[394,367,263,300,277,290,355,202,304,243]
plt.plot(overs,India,'color'=='green')
plt.plot(overs,Pakisthan)
plt.show()
plt.title("India Vs Pakisthan")
plt.xlabel("overs")
plt.ylabel("score")
plt.legend()
plt.plot(overs,India,color="green",label="India")
plt.plot(overs,Pakisthan,color="red",label="Pakisthan")
```



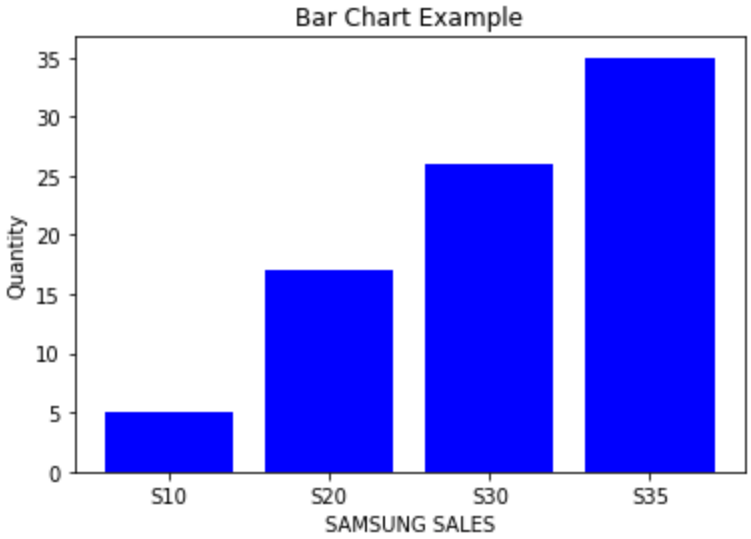
#M VISHAL
#240701598
#22-07-2025
#Line plot
import matplotlib.pyplot as plt
x = [1, 2, 3, 4, 5]
y = [2, 4, 6, 8, 7]
plt.figure(figsize=(6, 4)) # Set the figure size

```
plt.plot(x, y, color='red', marker='o', linestyle='-', label='Line Plot')
plt.title("Line Plot Example")
plt.xlabel("X-axis")
plt.ylabel("Y-axis")
plt.legend()
plt.grid(True)
plt.show()
```

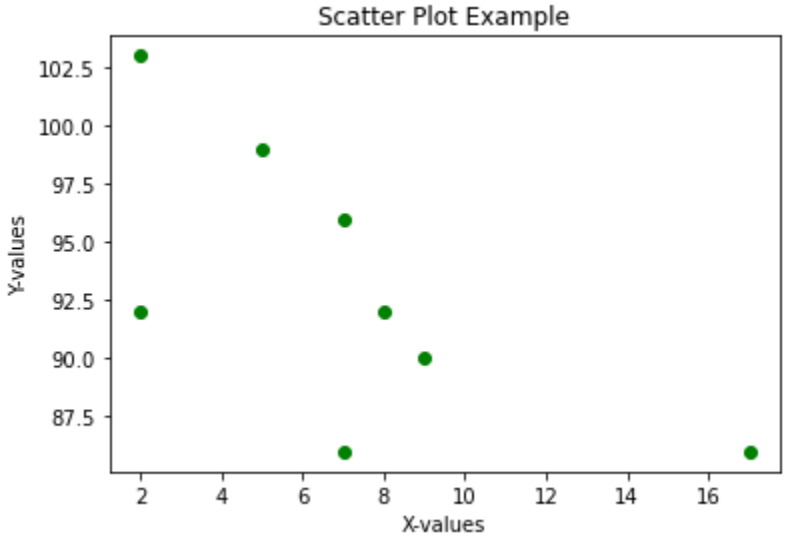



```
#M VISHAL
#240701598
#22-07-2025
#Line plot
import matplotlib.pyplot as plt
categories = ['S10', 'S20', 'S30', 'S35']
values = [5, 17, 26, 35]

plt.figure(figsize=(6, 4))
plt.bar(categories, values, color='blue')
plt.title("Bar Chart Example")
plt.xlabel("SAMSUNG SALES")
plt.ylabel("Quantity")
plt.show()
```

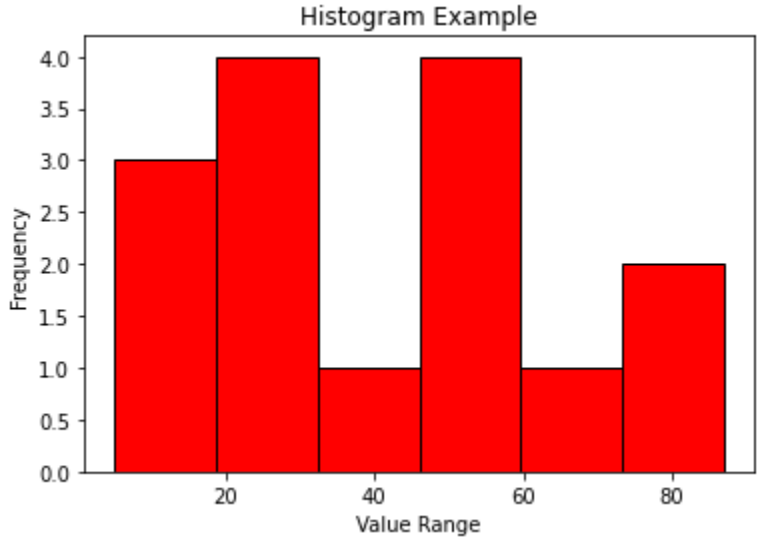



```
#M VISHAL
#240701598
#22-07-2025
#Line plot
import matplotlib.pyplot as plt
x_scatter = [5, 7, 8, 7, 2, 17, 2, 9]
y_scatter = [99, 86, 92, 96, 92, 86, 103, 90]
plt.figure(figsize=(6, 4))
plt.scatter(x_scatter, y_scatter, color='green')
plt.title("Scatter Plot Example")
plt.xlabel("X-values")
plt.ylabel("Y-values")
plt.show()
```

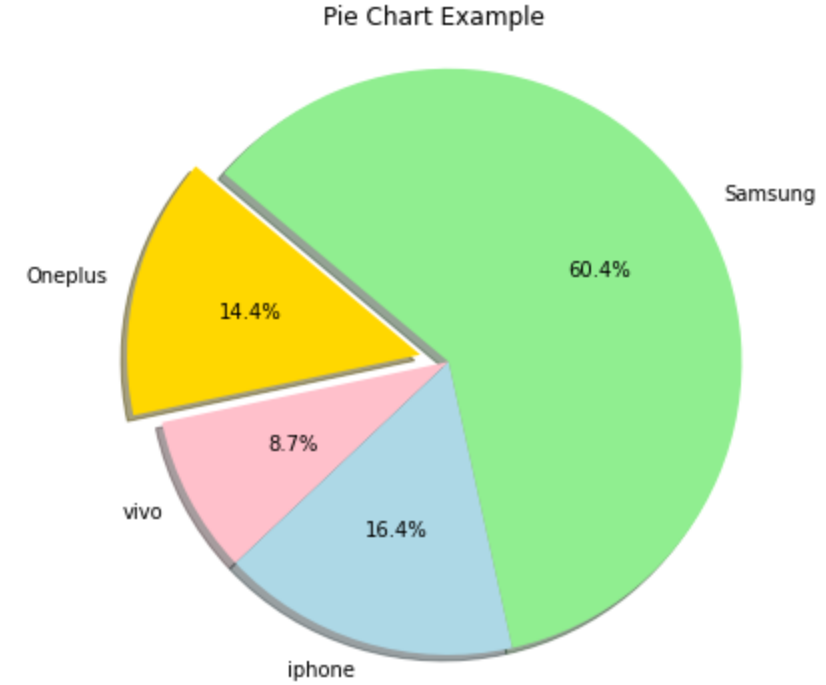


#M VISHAL

```
#240701598
#22-07-2025
#Line plot
import matplotlib.pyplot as plt
data = [22, 87, 5, 43, 56, 73, 55, 54, 11, 20, 51, 5, 79, 31, 27]
plt.figure(figsize=(6, 4))
plt.hist(data, bins=6, color='red', edgecolor='black')
plt.title("Histogram Example")
plt.xlabel("Value Range")
plt.ylabel("Frequency")
plt.show()
```




```
#M VISHAL
#240701598
#22-07-2025
#Line plot
import matplotlib.pyplot as plt
labels = ['Oneplus', 'vivo', 'iphone', 'Samsung']
sizes = [215, 130, 245, 900]
colors = ['gold', 'pink', 'lightblue', 'lightgreen']
explode = (0.1, 0, 0, 0)
plt.figure(figsize=(6, 6))
plt.pie(sizes, explode=explode, labels=labels, colors=colors,autopct='%1.1f%%', shadow=True,
startangle=140)
plt.title("Pie Chart Example")
plt.axis('equal')
plt.show()
```


Pie Chart Example
Samsung
60.4%
Oneplus
14.4%
8.7%
vivo
16.4%
iphone