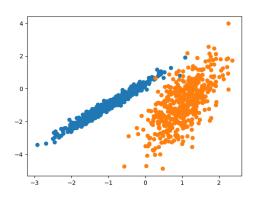
### **PRACTICAL-6**

### **SCATTER PLOT**

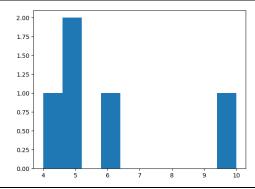


### **HISTOGRAM USING MATPLOTLIB**

# # importing matplotlib module

from matplotlib import pyplot as plt # Y-axis values y = [10, 5, 8, 4, 2] # Function to plot histogram plt.hist(y) # Function to show the plot

# Function to show the plot plt.show()



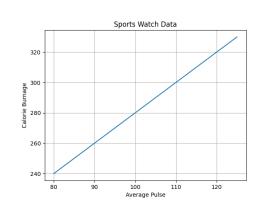
### **PIE CHARTS**

import matplotlib.pyplot as plt
import numpy as np
y = np.array([35, 25, 25, 15])
plt.pie(y)
plt.show()



## **ADDING GRID LINES TO PLOT**

import numpy as np import matplotlib.pyplot as plt x = np.array([80, 85, 90, 95, 100, 105, 110, 115, 120, 125]) y = np.array([240, 250, 260, 270, 280, 290, 300, 310, 320, 330]) plt.title("Sports Watch Data") plt.xlabel("Average Pulse") plt.ylabel("Calorie Burnage") plt.plot(x, y) plt.grid() plt.show()



### STAIRS(VALUES)

