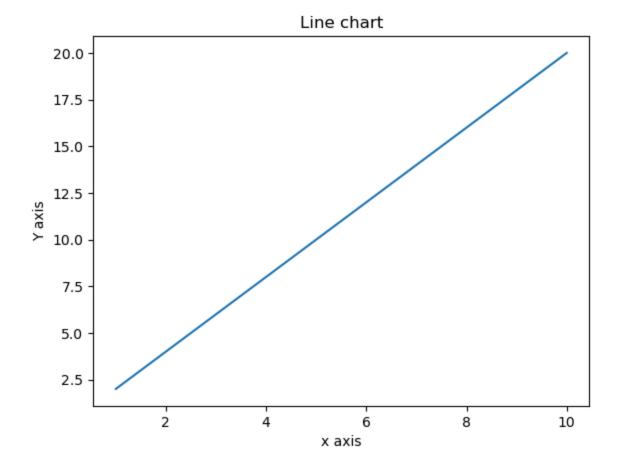
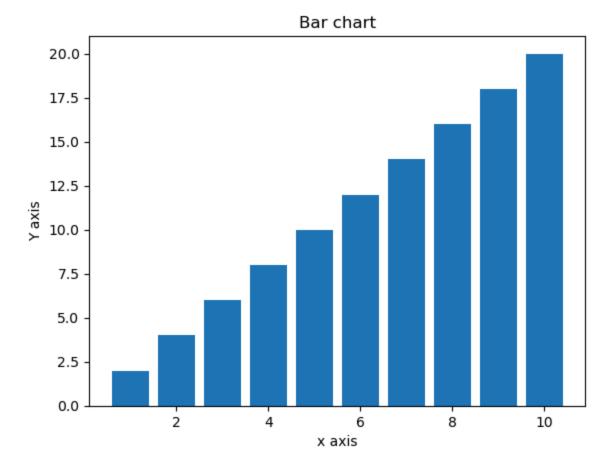
Line Chart

```
In [18]: plt.plot(x,y)
    plt.title("Line chart")
    plt.xlabel("x axis")
    plt.ylabel("Y axis")
    plt.show()
```



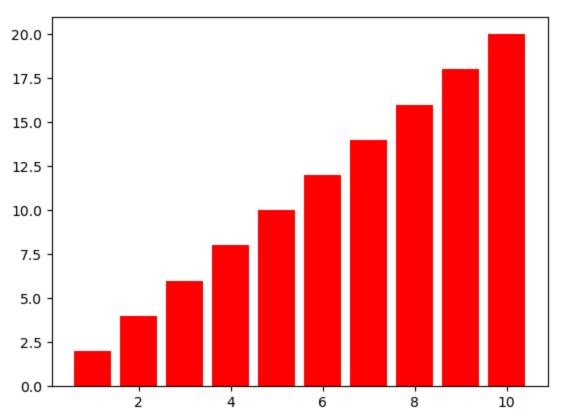
Bar chart

```
In [19]: plt.bar(x,y)
    plt.title("Bar chart")
    plt.xlabel("x axis")
    plt.ylabel("Y axis")
    plt.show()
```



In [20]: plt.bar(x,y, color='red')

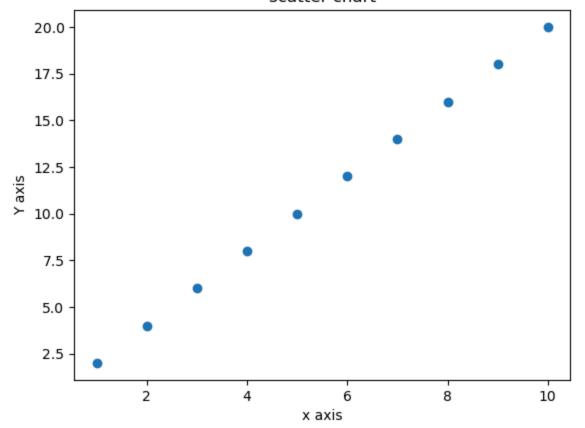
Out[20]: <BarContainer object of 10 artists>



Scatter plot

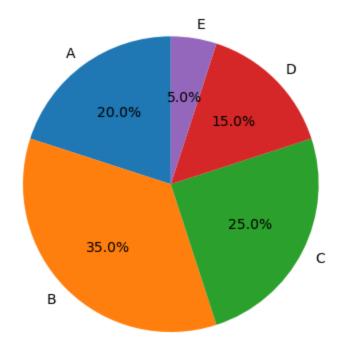
```
In [23]: a=(1,5,3,9,4,7)
b=(22,35,66,55,88,99)
plt.scatter(x,y)
plt.title("scatter chart")
plt.xlabel("x axis")
plt.ylabel("Y axis")
plt.show()
```

scatter chart



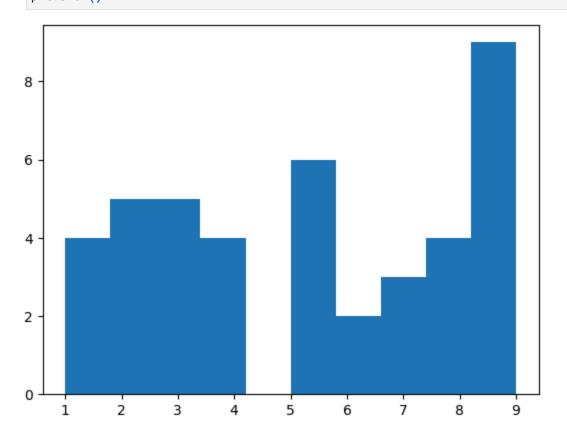
```
In [27]: c = [20, 35, 25, 15, 5]
d = ['A', 'B', 'C', 'D', 'E']
plt.pie(c, labels=d, autopct='%1.1f%%', startangle=90)
plt.title("Pie Chart Example")
plt.show()
```

Pie Chart Example





In [35]: plt.hist(H)
 plt.show()



In []: