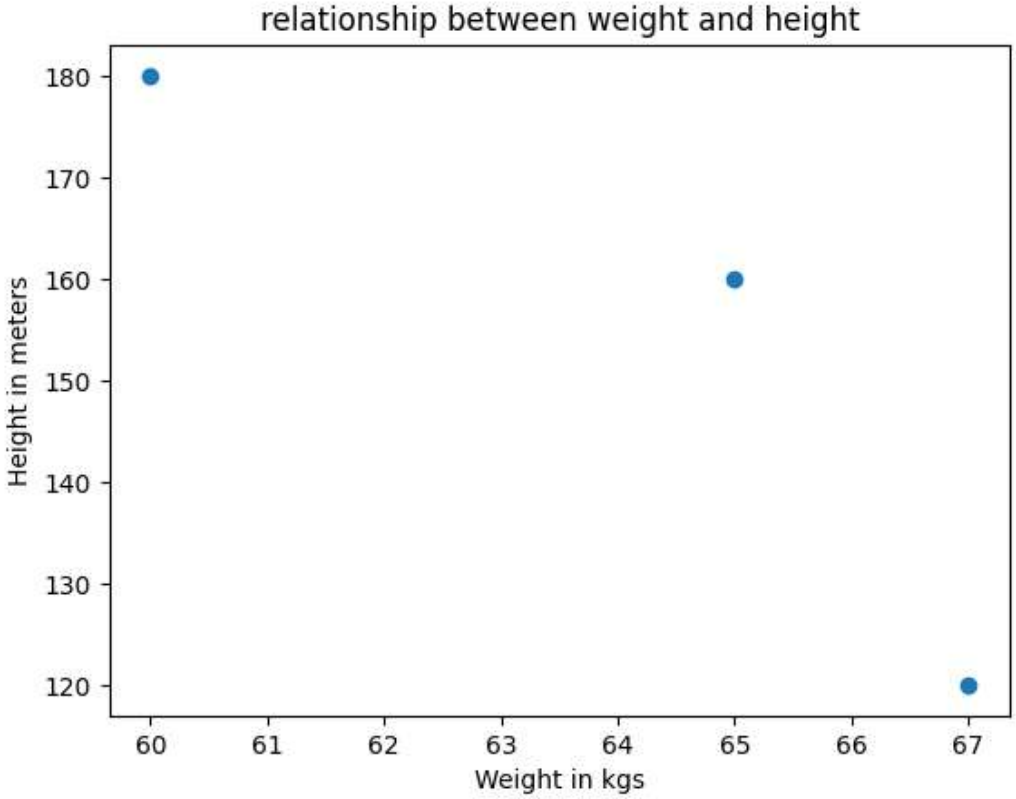
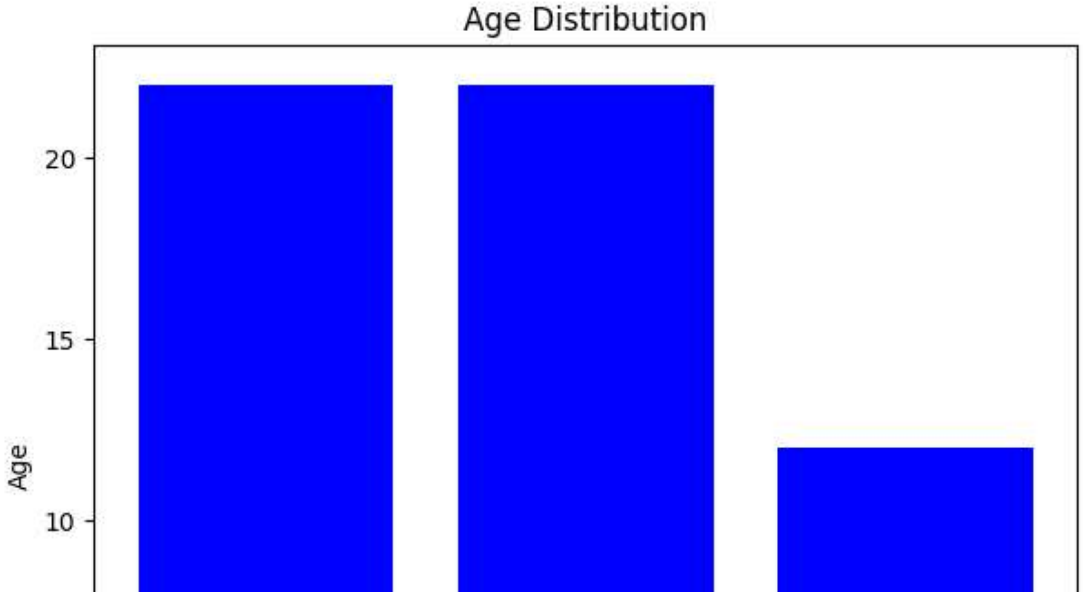
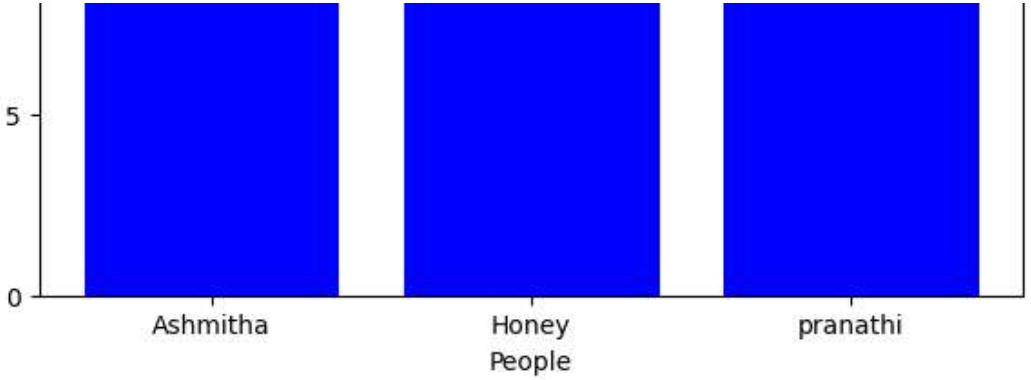
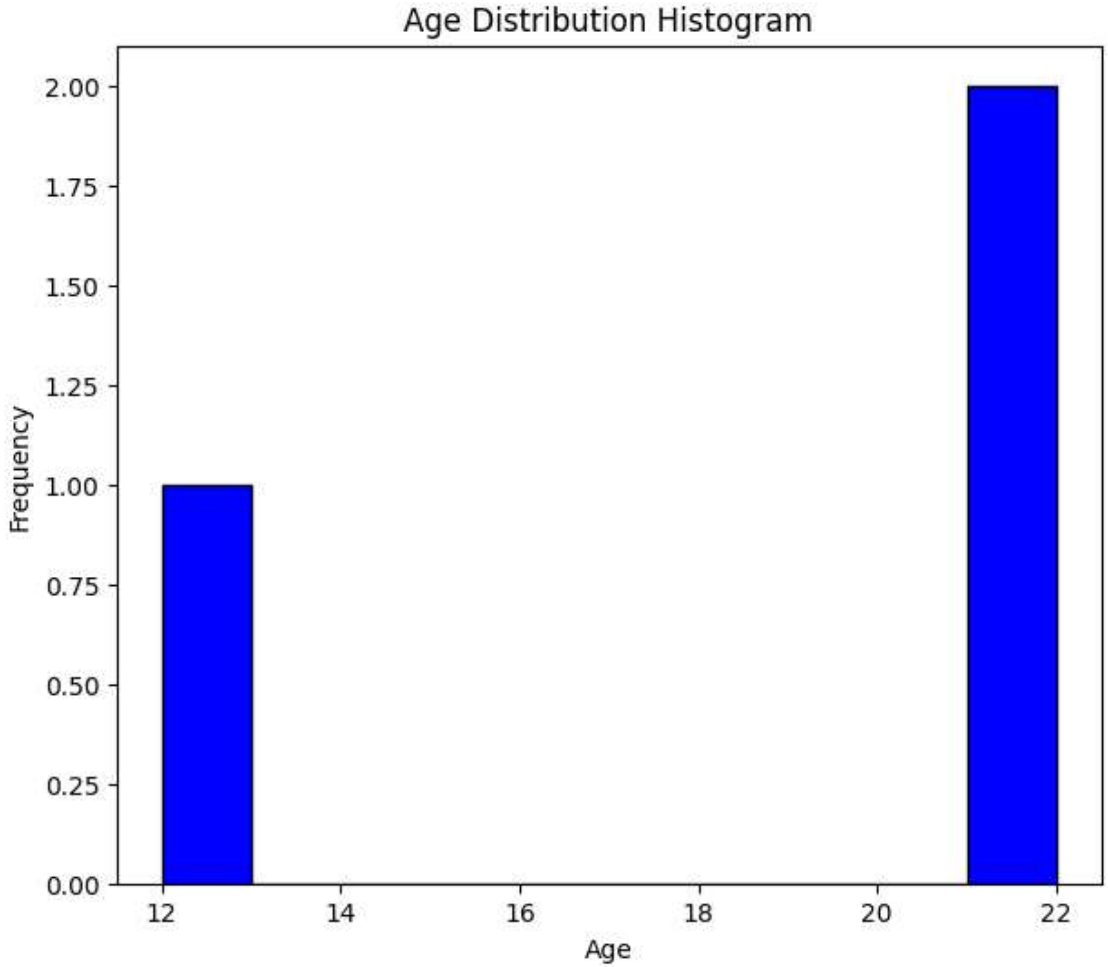
```
import matplotlib.pyplot as plt
people = ['Ashmitha','Honey','pranathi',]
age=[22,22,12]
weight=[65,67,60]
height=[160,120,180]

# scatter plot
plt.scatter(weight,height)
plt.title("relationship between weight and height")
plt.ylabel("Height in meters")
plt.xlabel("Weight in kgs")
plt.show()

# bar chart
plt.figure(figsize=(7, 6))
plt.bar(people, age, color='blue')
plt.xlabel('People')
plt.ylabel('Age')
plt.title('Age Distribution')
plt.show()

#Histogram
plt.figure(figsize=(7,6))
plt.hist(age, bins=10, color='blue', edgecolor='black')
plt.xlabel('Age')
plt.ylabel('Frequency')
plt.title('Age Distribution Histogram')
plt.show()
```


relationship between weight and height
Height in meters
180
170
160
150
140
130
120
60
61
62
63
64
65
66
67
Weight in kgs


Age Distribution
Age
20
15
10


5
0
Ashmitha
Honey
pranathi
People


Age Distribution Histogram
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
Frequency
12
14
16
18
20
22
Age