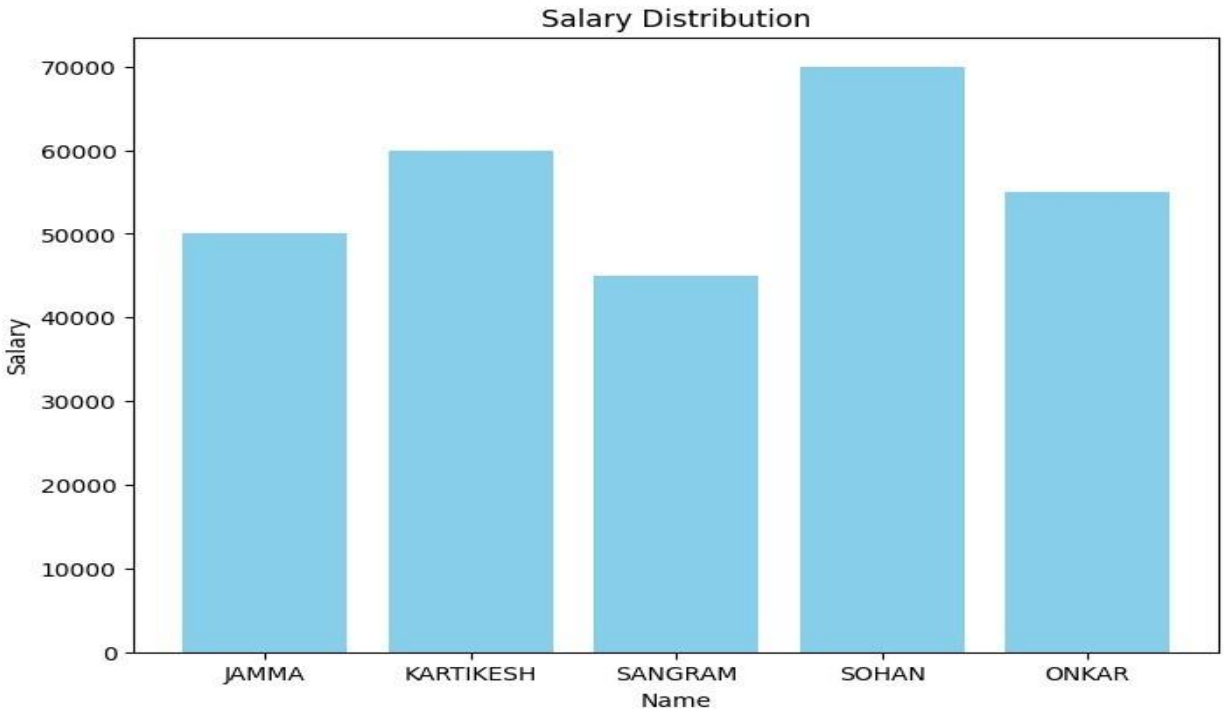
NAME : SOHAN KATAGERI

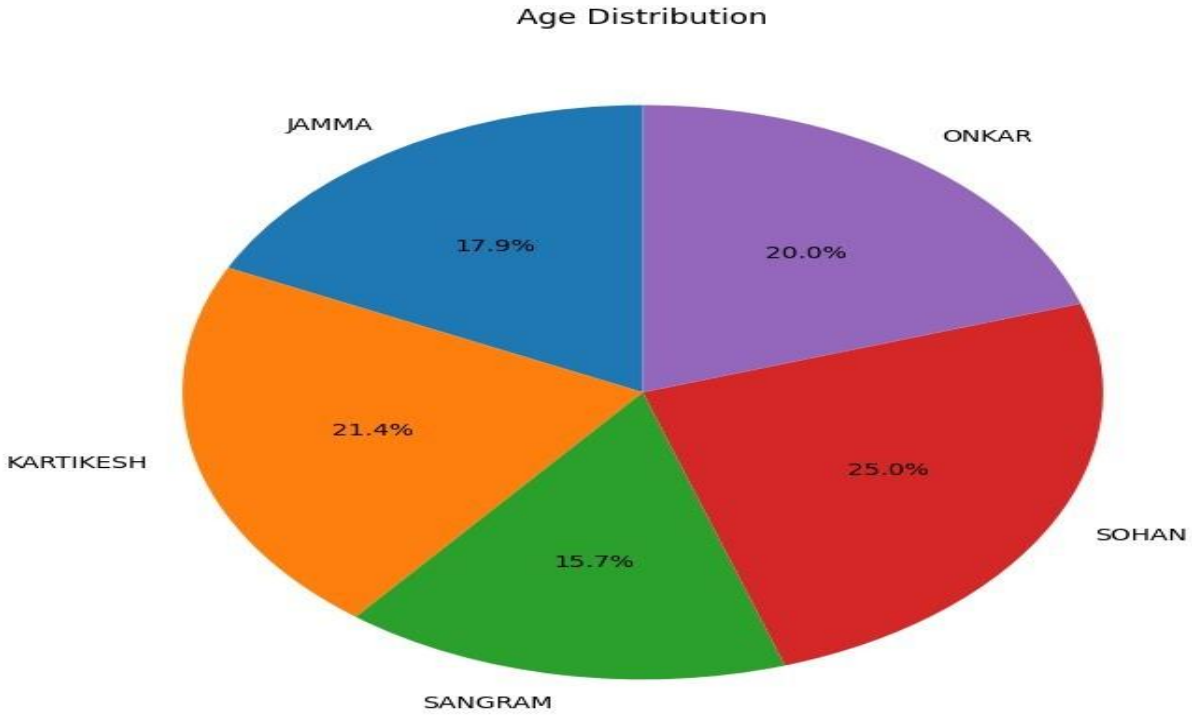
ROLL NO. 25

PRACTICAL 1

```
import pandas as pd
import matplotlib.pyplot as plt
# Creating a DataFrame
data = {'Name': ['JAMMA', 'KARTIKESH', 'SANGRAM', 'SOHAN', 'ONKAR'],
 'Age': [25, 30, 22, 35, 28],
 'Salary': [50000, 60000, 45000, 70000, 55000]}
df = pd.DataFrame(data) # Displaying the
DataFrame print("DataFrame:") print(df)
# Plotting a bar chart for Salary
plt.figure(figsize=(8, 6))
plt.bar(df['Name'], df['Salary'], color='skyblue')
plt.title('Salary Distribution')
plt.xlabel('Name') plt.ylabel('Salary') plt.show()
# Plotting a pie chart for Age
plt.figure(figsize=(8, 8))
plt.pie(df['Age'], labels=df['Name'], autopct='%1.1f%%',
startangle=90)
plt.title('Age Distribution')
plt.show()
DataFrame:
```

	Name	Age	Salary
0	JAMMA	25	50000
1	KARTIKESH	30	60000
2	SANGRAM	22	45000
3	SOHAN	35	70000
4	ONKAR	28	55000


Salary Distribution
70000
60000
50000
40000
30000
20000
10000
0
Salary
JAMMA
KARTIKESH
SANGRAM
SOHAN
ONKAR
Name


Age Distribution
JAMMA
ONKAR
17.9%
20.0%
21.4%
KARTIKESH
25.0%
SOHAN
15.7%
SANGRAM