

```
import matplotlib.pyplot as plt

# Sample data
categories = ['A', 'B', 'C', 'D', 'E']
values = [10, 24, 36, 40, 5]

# Creating the bar chart
plt.bar(categories, values)

# Adding title and labels
plt.title('Sample Bar Chart')
plt.xlabel('Categories')
plt.ylabel('Values')

# Showing the plot
plt.show()
```