

# Create a bar chart to represent monthly expenses in different spending categories and give your conclusion.

#Input:-

```
import matplotlib.pyplot as plt
```

# Data

```
categories = ['Rent', 'Groceries', 'Utilities', 'Entertainment', 'Transportation']
```

```
expenses = [1200, 400, 200, 150, 250]
```

# Create bar chart

```
plt.figure(figsize=(10, 6))
```

```
plt.bar(categories, expenses)
```

# Add title and labels

```
plt.title('Monthly Expenses by Category')
```

```
plt.xlabel('Categories')
```

```
plt.ylabel('Expenses (in dollars)')
```

# Show the chart

```
plt.show()
```

#Output:-

