In [1]:
```python
import pandas as pd
months = ['January', 'February', 'March', 'April', 'May', 'June', 'July', 'August',
          'September', 'October', 'November', 'December']
electricity_usage = [350, 320, 310, 330, 340, 370, 380, 360, 350, 330, 320, 330]
gas_usage = [20, 18, 16, 15, 12, 10, 8, 9, 12, 15, 17, 19]
electricity_series = pd.Series(electricity_usage, index=months, name="Electricity U
gas_series = pd.Series(gas_usage, index=months, name="Gas Usage (therms)")
print("Monthly Electricity Consumption:\n", electricity_series)
print("\nMonthly Gas Consumption:\n", gas_series)
print("\nTotal Yearly Electricity Consumption:", electricity_series.sum(), "kWh")
print("Total Yearly Gas Consumption:", gas_series.sum(), "therms")
```

```
Monthly Electricity Consumption:
 January      350
February      320
March         310
April         330
May           340
June          370
July          380
August        360
September     350
October       330
November      320
December      330
Name: Electricity Usage (kWh), dtype: int64

Monthly Gas Consumption:
 January       20
February      18
March         16
April         15
May           12
June          10
July           8
August         9
September     12
October       15
November      17
December      19
Name: Gas Usage (therms), dtype: int64

Total Yearly Electricity Consumption: 4090 kWh
Total Yearly Gas Consumption: 171 therms
```

In [ ]: