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In [9]: 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 Usage (kWh)")
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")
print("\nMonth with Highest Electricity Usage:", electricity_series.idxmax(), "with", electricity_series.max())
print("Month with Lowest Gas Usage:", gas_series.idxmin(), "with", gas_series.min())
```

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

Month with Highest Electricity Usage: July with 380 kWh

Month with Lowest Gas Usage: July with 8 therms

In []: