Name:

**Project 2**

Using your data from project 1, please answer the following questions.

1. Plot the time series and identify seasonal fluctuations and/or a trend-cycle?
2. Use a classical multiplicative decomposition and a classical additive decomposition to calculate the trend-cycle, seasonal indices, and the remainder. Do the results support the graphical interpretation from part a? Please explain what does the seasonal component indicate?
3. Please identify if your series are multiplicative or additive decomposed. Show all your steps you have taken to make the decision.

(Please show your code and output from R when answering the questions)