Purpose.
1. Create a plot of real sectoral output.
2. Describe and discuss patterns in the evolution of real sectoral output over time.

Pedagogical Rationale. This assignment requires that you first look for data and plot them into a graph. Next, you will add data series to the graph. Lastly, you will describe and discuss patterns in the evolution of the data series. These tasks will develop your proficiency in searching for, transforming, and interpreting data.

Grading. Your grade will be determined by (a) how precisely you complete the data search and (b) how accurately you interpret the data.

Steps to Search for and Transform the Data.
1. Access https://fred.stlouisfed.org/ and search for "Real Sectoral Output for Arts, Entertainment, and Recreation: Amusement and Theme Parks (NAICS 71311) in the United States."
2. Select "Index 2012=100, Monthly, Seasonally Adjusted."
3. Click on EDIT GRAPH and select ADD LINE.
4. Search for "Real Sectoral Output for Arts, Entertainment, and Recreation: Bowling Centers (NAICS 71395) in the United States, Index 2012=100, Monthly, Seasonally Adjusted." and click on "Add data series."
5. Repeat the last two steps to add the following three data series:
    i. Real Sectoral Output for Arts, Entertainment, and Recreation: Fitness and Recreational Sports Centers (NAICS 71394) in the United States.
    ii. Real Sectoral Output for Arts, Entertainment, and Recreation: Gambling Industries (NAICS 7132) in the United States.
    iii. Real Sectoral Output for Arts, Entertainment, and Recreation: Golf Courses and Country Clubs (NAICS 71391) in the United States.
6. Change the date range of the graph to start at "2007-01-01" and end at "2020-01-01."

Writing Prompts. Answer the following questions:
1. The graph shows the value of the inflation-adjusted output produced by the five types of industries classified as "Arts, Entertainment, and Recreation" by the U.S. Bureau of Labor Statistics. Between 2012 and 2019, which industry recorded the largest growth in output?
2. Between 2019 and 2020, which industry recorded a larger decrease in output: fitness and recreational sports centers, or golf courses and country clubs?
3. In 2020, how did the onset of the COVID-19 pandemic impact output in each of the five "Arts, Entertainment, and Recreation" industries? Why was the scale of the impact different in each industry? Explain your answer.