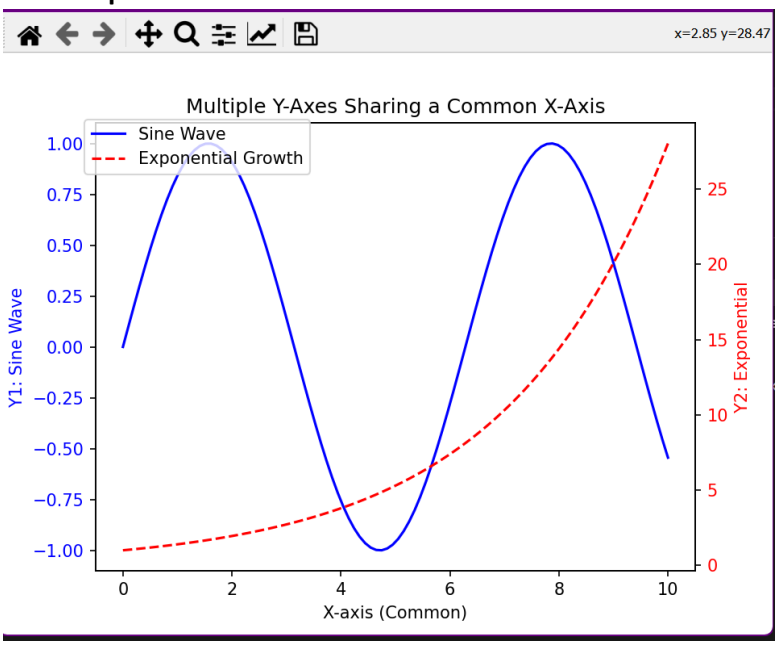
Task Report:

1. **Task Description**

- The task involves visualizing two datasets with distinct y-axis scales on the same x-axis. This is achieved using Python's Matplotlib library. The purpose is to plot a sine wave and an exponential growth function, sharing a common x-axis but having separate y-axes, each with a unique scale.

2. **Task Output Screenshot**



3. **Widget/Algorithm Used In Task**
   Algorithm/Technique Used:

- The **twinx()** method in Matplotlib creates a second y-axis that shares the same x-axis as the original. This is useful for displaying two datasets with vastly different scales in one plot.
- The sine wave (y1 = sin(x)) represents periodic data, while the exponential function
- (y2 = exp(x/3)) represents rapid growth. Both were plotted using plot() function.
- **Styling and Customization**:
- **Color-coded axes**: The primary and secondary y-axes are color-coded for better readability (blue for sine wave and red for exponential).
- **Legend**: A shared legend is positioned in the upper-left corner using the fig.legend() method