jupyter sine_cosine_graph Last Checkpoint: 13 minutes ago

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Code JupyterLab Python 3 (ipykernel)

[1]:
```
import numpy as np
import matplotlib.pyplot as plt

# Generate x values from -2π to 2π
x = np.linspace(-2 * np.pi, 2 * np.pi, 1000)

# Compute sine and cosine values
y_sin = np.sin(x)
y_cos = np.cos(x)

# Create the plot
plt.figure(figsize=(12, 8))
plt.plot(x, y_sin, label='Sine Wave', color='blue')
plt.plot(x, y_cos, label='Cosine Wave', color='red')

# Add labels, title, and legend
plt.xlabel('x values (radians)')
plt.ylabel('y values')
plt.title('Sine and Cosine Graph')
plt.legend()

# Show the graph
plt.grid()
plt.show()
```