

# lab1

August 14, 2025

Experimento 1 Teste de desenvolvimento

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

# Generate some data
x = np.linspace(0, 10, 100)
y = np.sin(x)

# Create the plot
plt.plot(x, y)

# Add labels and title
plt.xlabel("X-axis")
plt.ylabel("Y-axis")
plt.title("Simple Sine Wave Plot")

# Display the plot
plt.show()
```

