

```
In [1]: # 5.sales comparison of 2 products over a month
import matplotlib.pyplot as plt

# Data: Sales of Product A and Product B over a month
days = list(range(1, 31)) # Days of the month
product_a_sales = [20, 25, 30, 28, 35, 40, 38, 45, 50, 48, 55, 60, 58, 65, 70, 68, 75, 72, 78, 80, 85, 82, 88, 90, 88, 95, 100, 98, 105, 110, 108, 115, 120]
product_b_sales = [15, 18, 22, 20, 25, 28, 25, 30, 35, 32, 40, 42, 40, 45, 48, 45, 50, 52, 55, 58, 55, 60, 65, 62, 68, 70, 68, 75, 78, 80, 85, 82, 88, 90]

# Create line chart
plt.figure(figsize=(10, 6))
plt.plot(days, product_a_sales, label='Product A', marker='o', color='blue')
plt.plot(days, product_b_sales, label='Product B', marker='s', color='green')
plt.title('Sales Comparison Between Product A and Product B Over a Month')
plt.xlabel('Days')
plt.ylabel('Sales (Units)')
plt.legend()
plt.grid(True)

# Display chart
plt.show()
```

