In [20]:
```
# Import required libraries
import sqlite3
import pandas as pd
import matplotlib.pyplot as plt
```

In [21]:
```
# Step 1: Connect to the SQLite database
conn = sqlite3.connect(r"C:\Users\avani\Downloads\sales_data.db")
```

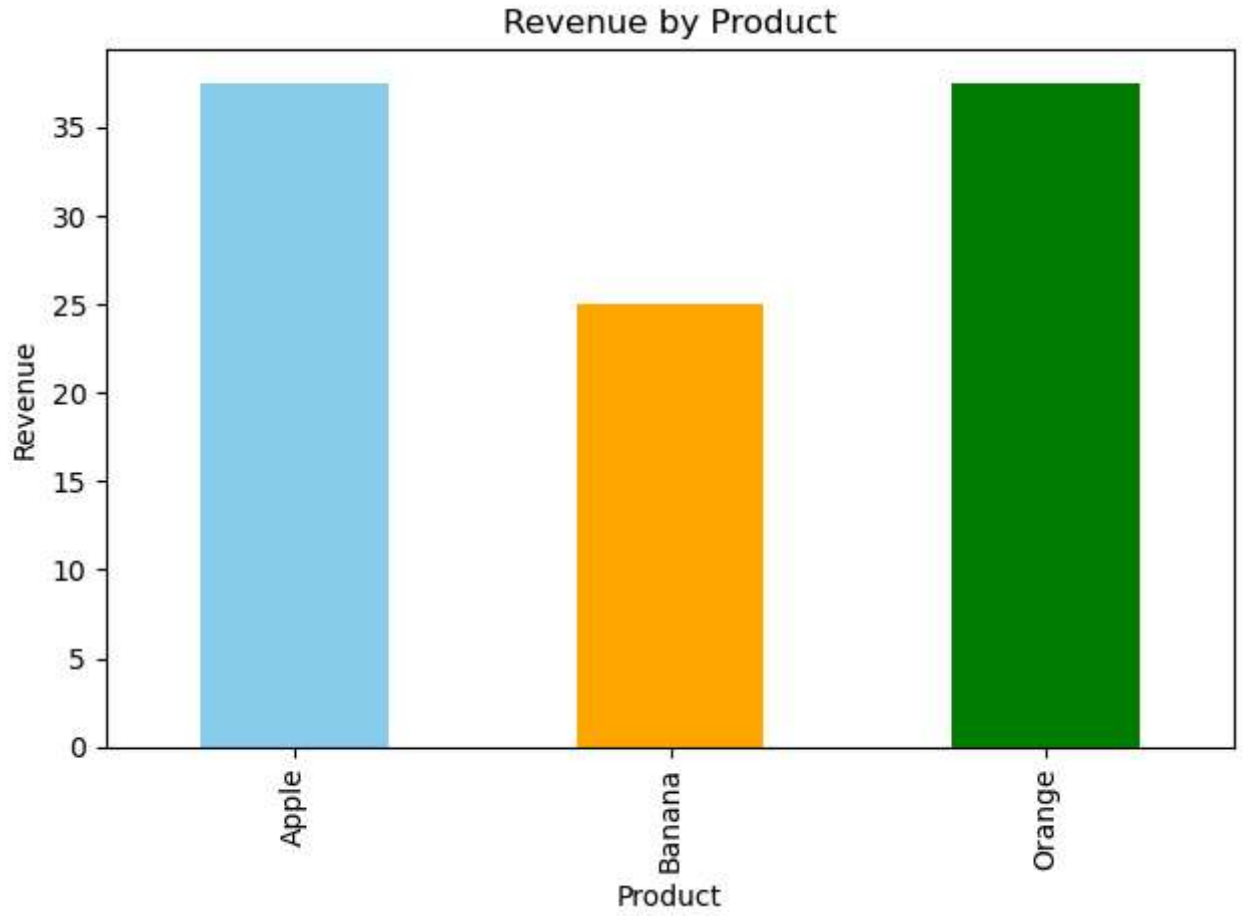
In [22]:
```
# Step 2: Define and run SQL query to get product-wise total quantity and revenue
query = """
SELECT
    product,
    SUM(quantity) AS total_qty,
    SUM(quantity * price) AS revenue
FROM sales
GROUP BY product
"""
```

In [23]:
```
# Step 3: Load query result into a Pandas DataFrame
df = pd.read_sql_query(query, conn)
```

In [24]:
```
# Step 4: Display the DataFrame using print
print("Sales Summary:\n", df)
```

```
Sales Summary:
   product  total_qty  revenue
0   Apple         15     37.5
1  Banana         25     25.0
2  Orange         25     37.5
```

In [25]:
```
colors=['skyblue','orange','green']
df.plot(kind='bar', x='product', y='revenue',color=colors,title='Revenue by Product', legend=False)
plt.xlabel('Product')
plt.ylabel('Revenue')
plt.tight_layout()
```



In [38]:
```
# Step 4: Display the DataFrame using print
plt.savefig("sales_chart.png")
plt.show()
```

```
<Figure size 640x480 with 0 Axes>
```

In [45]:
```
conn.close()
```

In [ ]: