EXPERINMENT-08

8. **Scenario:** You are a data scientist working for a company that sells products online. You have been tasked with analyzing the sales data for the past month. The data is stored in a Pandas data frame.

Question: How would you find the top 5 products that have been sold the most in the past month?

Code:

```python
import pandas as pd
df = pd.DataFrame({
    "product": ["A","B","A","C","D","A","B","C"],
    "quantity": [5,3,2,8,6,4,1,3]
})
top5 = df.groupby("product")["quantity"].sum().sort_values(ascending=False).head(5)
print(top5)
```

Output:

```
C:\Users\karan\OneDrive\Desktop\New folder (2)>8.py
product
A     11
C     11
D      6
B      4
Name: quantity, dtype: int64
```