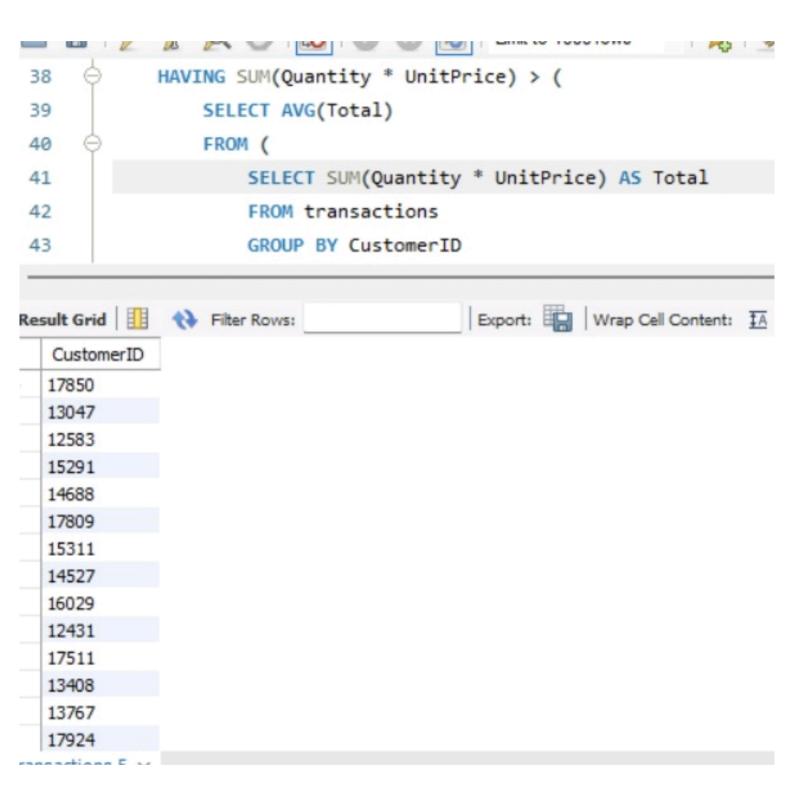
6 -- 2. ORDER BY: Most expensive products

7 • SELECT Description, UnitPrice FROM transactions

ult Grid		Export:	7
Description	UnitPrice		
Manual	38970.00		
AMAZON FEE	17836.46		
AMAZON FEE	16888.02		
AMAZON FEE	16453.71		
AMAZON FEE	13541.33		
AMAZON FEE	13541.33		
AMAZON FEE	13541.33		
AMAZON FEE	13474.79		
AMAZON FEE	11586.50		
Adjust bad debt	11062.06		

```
-- TASK 3: SQL for Data Analysis
        use ecommerce_db;
        -- 1. SELECT and WHERE
 3
        SELECT * FROM transactions WHERE Country = 'United Kingdom' LIMIT 10;
 5
        -- 2. ORDER BY: Most expensive products
 6
Result Grid
            Filter Rows:
                                          Export: Wrap Cell Content: IA
  InvoiceNo
            StockCode Description Quantity
                                         InvoiceDate
                                                     UnitPrice
                                                              CustomerID
                                                                         Country
```



```
FROM transactions
 24
         WHERE CustomerID IS NOT NULL
 25
         GROUP BY CustomerID
 26
 27
         HAVING CustomerRevenue > 1000
         ORDER BY CustomerRevenue DESC;
 28
                                             Export: Wrap Cell Content: 🔀 Fetch rows:
Result Grid
              Filter Rows:
   CustomerID
              CustomerRevenue
   14646
               279489.02
   18102
               256438.49
   17450
               187482.17
   14911
               132572.62
   12415
               123725.45
   14156
               113384.14
               88125.38
   17511
   16684
               65892.08
   13694
               62653.10
               59419.34
   15311
   13089
               57385.88
   14096
               57120.91
   15061
               54228.74
```

17949

52750.84

SELECT CustomerID, SUM(Quantity * UnitPrice) AS CustomerRevenue

```
FROM transactions
4
        GROUP BY Country
.5
        ORDER BY TotalRevenue DESC;
.6
7
                                              Export: Wrap Cell Content: IA
sult Grid
              Filter Rows:
 Country
                 TotalRevenue
 United Kingdom
                8187806.36
 Netherlands
                284661.54
 EIRE
                263276.82
                221698.21
 Germany
 France
                197403.90
 Australia
                137077.27
 Switzerland
                56385.35
                54774.58
 Spain
 Belgium
                40910.96
 Sweden
                36595.91
                35340.62
 Japan
                35163.46
 Norway
 Portugal
                29367.02
```

SELECT Country, ROUND(SUM(Quantity * UnitPrice), 2) AS TotalRevenue

3 •

Finland

22326.74

```
60 • SELECT t.InvoiceNo, t.Description, p.Category
61 FROM transactions t
62 JOIN products p ON t.StockCode = p.StockCode;
63
```

InvoiceNo	Description	Category	
36544	WHITE HANGING HEART T-LIGHT HOLDER	Home Decor	
36557	RED WOOLLY HOTTIE WHITE HEART.	Winter Essentials	
36557	KNITTED UNION FLAG HOT WATER BOTTLE	Winter Essentials	
536575	WHITE HANGING HEART T-LIGHT HOLDER	Home Decor	
536576	RED WOOLLY HOTTIE WHITE HEART.	Winter Essentials	
536576	WHITE HANGING HEART T-LIGHT HOLDER	Home Decor	
536584	RED WOOLLY HOTTIE WHITE HEART.	Winter Essentials	
536590	WHITE HANGING HEART T-LIGHT HOLDER	Home Decor	
536592	RED WOOLLY HOTTIE WHITE HEART.	Winter Essentials	
536592	KNITTED UNION FLAG HOT WATER BOTTLE	Winter Essentials	
536592	WHITE HANGING HEART T-LIGHT HOLDER	Home Decor	
536594	WHITE HANGING HEART T-LIGHT HOLDER	Home Decor	
536600	WHITE HANGING HEART T-LIGHT HOLDER	Home Decor	
536600	WHITE METAL LANTERN	Home Decor	