TestStar DB on JRS

Schema:

InvoiceLines(FkInvoiceNo*, LineNo, FkProduct*, Qty, Price)
Invoices(PkInvoiceNo, Date, FkCustomer*)
Customers(PkCustomer, CustomerName, CustomerType, FkCountry*)
Countries(PkCountry, Nation, Continent)
Products(PkProduct, ProductID, ProductName, Category, UnitPrice)
EXERCISES: WRITE RELATIONAL EXPRESSIONS / LOGICAL TREES

- Revenue is $\text{Qty} \times \text{Price}$

- Find the invoice lines with revenue > 5000

- Find the revenue of every invoice line

- Find the FkProduct sold in at least one invoice line

- Find the total revenue by FkProduct

- Find the total revenue for FkProduct in invoice lines with Price > 2000

- Find the total revenue for FkProduct with at least 10 pieces of total quantity sold
• Revenue is Qty*Price

• Find the total revenue by product category

• Find the total revenue by customer nation for sales of product category 'Cat01'

• Sort the customer names by total revenue descending

• Find the total revenue of sales to customers from Finland of products from category 'Cat01'

• Find customers with no sales