Quiz # 02

19/04/2023

Question: You are given a large input file that contains data about sales transactions. Each row in the file represents a single transaction with columns for transaction ID, customer ID, product name, quantity, and price. Your task is to implement a MapReduce program that reads the input file and performs the following tasks:

1. Calculate the total revenue (quantity * price) for each product.

2. Determine the total revenue for each customer.

3. Find the product with the highest revenue.

Input file should look like the following:

TransactionID, CustomerID, ProductName, Quantity, Price

1001, 101, Product1, 5, 10.99

1002, 102, Product2, 3, 8.50

1003, 103, Product1, 2, 12.49