

Assignment 6 Reports

Due 11:59PM ET on Nov 24





Part 1 – Populating the model – (40 pts)

Please use **Java Faker** or any alternative approach to create realistic-looking data to populate the model.

Populate the model with the following:

- a. Business - 1.
- b. Suppliers - 50.
- c. Pick any 30 Suppliers and add 50 Products to each.
- d. Customers - 300.
- e. Every Customer should have 1-3 Orders with 1-10 Items to each.

Implement any classes, methods if you need to.

Part 2 – Reports (60 pts)

Create a `SupplierReport` and `SupplierSummary` classes and add the following:

- Supplier Name,
- Total Sales,
- Loyalty score (Number of different customers who picked suppliers products divided by number of all customers)
- Average spending per customer (Total sales divided by number of different customers)
- Top 5 Sales Score (Total sales to top 5 Customers divided by total sales)

Implement any classes, methods if you need to.

