

Shipping Report

I have a series of orders, I need a summary report for all orders.

Input files (there will a number of input files):

order-XXXX.txt (where XXXX is the order number)

ShippingRates.txt

Database tables:

q.products

q.org

q.supplier

The **Order** file format is:

4 digit order number

3 digit product number

3 digit quantity ordered

10 char order date – format YYYY-MM-DD

2 digit department number

5 char supplier id

4 char state

The **ShippingRates** file format is:

22 char state name

2 char state code

2 spaces

2 digit shipping rate (as percentage of total order)

I required the following output:

A single **MVS** file with the following data -

1 line per order, in a fixed format

The Order Number → 4 char string

The Department Name → 16 char string, left justified

The Department Location → 16 char string, left justified

The Product Name → 12 char string, left justified

The Quantity Ordered → 3 digits

The Total Price → ((Quantity Ordered * Product Price) + Shipping Cost)
as a currency field (including comma and dollar sign,
and 2 decimal places; 12 char string)

The Period between the order date and current date → format PxxYxxMxxD
see java.time.Period

The Supplier name, and address → 70 char string, left justified

Please run this application via **JCL**, and use **DD** entries for file access.

Included in the data for this application is a Java class to build test Order files.