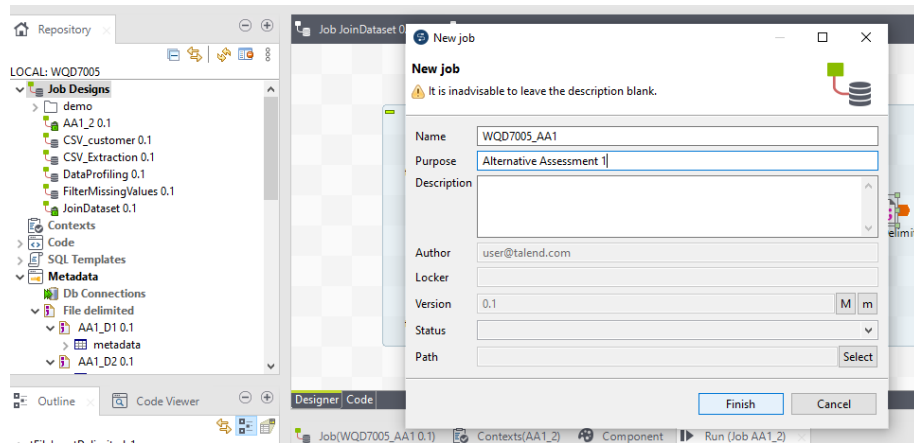


WQD7005 AA1

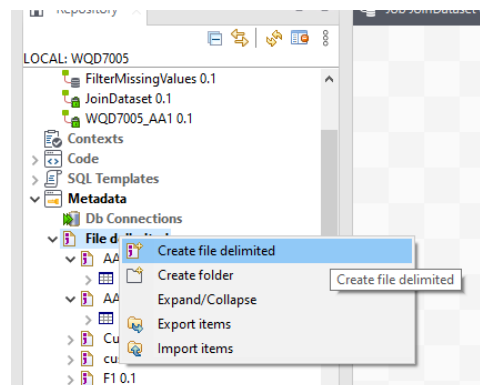
Nur Aisyah Yusof (22072845)

Data Integration Steps:-

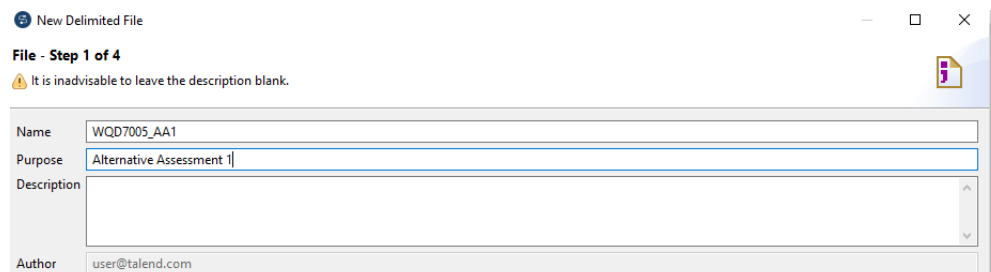
1. First, New Job is created in TDI environment as WQD7005_AA1.



2. Then, the CSV files were uploaded as metadata.



3. The metadata were named as WQD7005_AA1.



4. Choose the delimiter as comma and tick the header as the files contains header and comma delimiter. Then click next until finish.

File - Step 3 of 4
Add a Metadata File on repository
Define the setting of the parse job

File Settings
Encoding: US-ASCII
Field Separator: Comma Corresponding Character: ","
Row Separator: Standard EOL Corresponding Character: "\n"

Escape Char Settings
☒ CSV ☐ Delimited
Escape Char: Empty
Text Enclosure: Empty
☐ Split row before field

Rows To Skip
If any rows must be ignored, specify the following parameters
Header: ☒ 1
Footer: ☐
☐ Skip empty row

Limit Of Rows
If the number of lines must be limited, specify this number
Limit: ☐

Preview | **Output**
☒ Set heading row as column names **Refresh Preview**

| Customer ID | Item Purchased | Category | Purchase Amount (USD) | Size | Color | Season | Review Rating | Subscription Status | Shipping Type |
|-------------|----------------|----------|-----------------------|------|--------|--------|---------------|---------------------|---------------|
| 1 | Blouse | Clothing | 53 | L | Gray | Winter | 3.1 | Yes | Express |
| 2 | Sweater | Clothing | 64 | L | Maroon | Winter | 3.1 | Yes | Express |
| 3 | Jeans | Clothing | 73 | S | Maroon | Spring | 3.1 | Yes | Free Shipping |

Export as context **Revert Context**

< Back Next > **Finish** Cancel

New Delimited File

File - Step 4 of 4
Add a Schema on repository
Define the Schema

Name: PurchaseDetails
Comment:

Schema
Click to update schema preview **Guess**

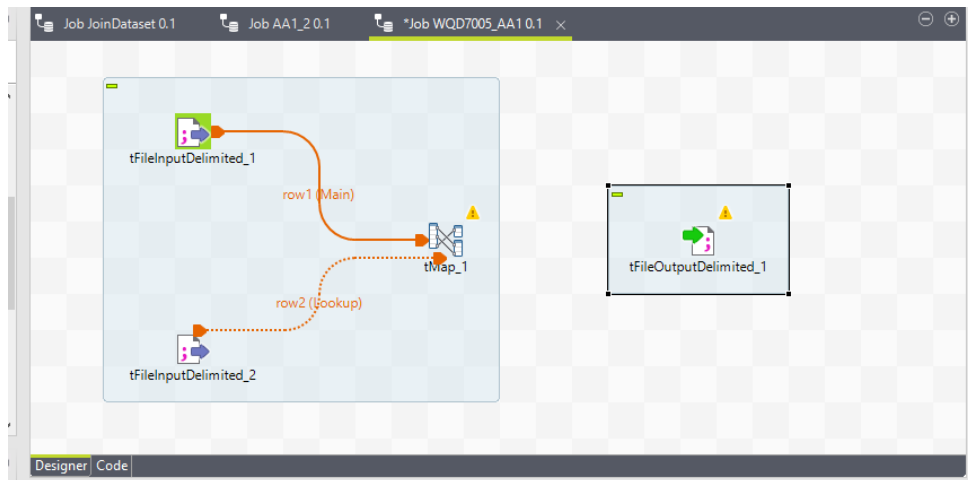
Description of the Schema

| Column | Key | Type | <input checked="" type="checkbox"/> N. | Date Pattern (Ctrl+Sp... | Length | Precision | Default | Comment |
|---------------------|--------------------------|---------|----------------------------------------|--------------------------|--------|-----------|---------|---------|
| Customer_ID | <input type="checkbox"/> | Integer | <input checked="" type="checkbox"/> | | 2 | 0 | | |
| Item_Purchased | <input type="checkbox"/> | String | <input checked="" type="checkbox"/> | | 10 | 0 | | |
| Category | <input type="checkbox"/> | String | <input checked="" type="checkbox"/> | | 11 | 0 | | |
| Purchase_Amount_USD | <input type="checkbox"/> | Integer | <input checked="" type="checkbox"/> | | 3 | 0 | | |
| Size | <input type="checkbox"/> | String | <input checked="" type="checkbox"/> | | 2 | 0 | | |
| Color | <input type="checkbox"/> | String | <input checked="" type="checkbox"/> | | 9 | 0 | | |
| Season | <input type="checkbox"/> | String | <input checked="" type="checkbox"/> | | 6 | 0 | | |
| Review_Rating | <input type="checkbox"/> | Float | <input checked="" type="checkbox"/> | | 3 | 1 | | |

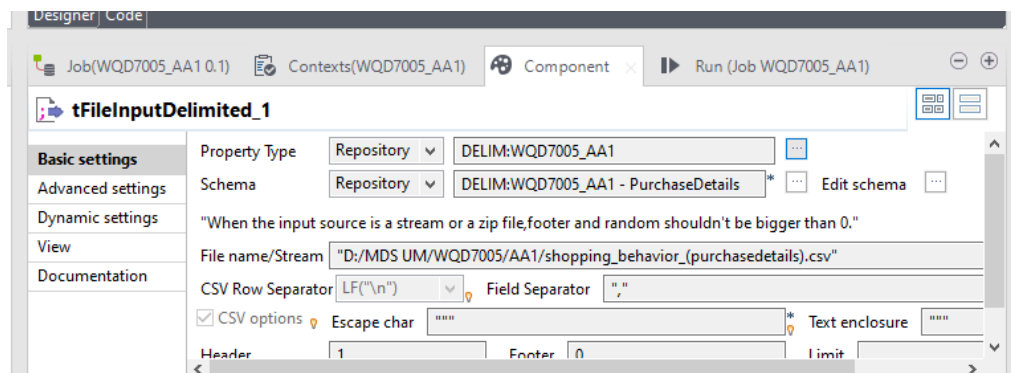
Finish Cancel

5. The steps were repeated for another files.

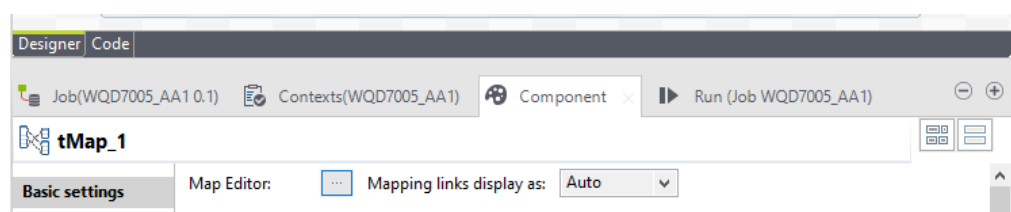
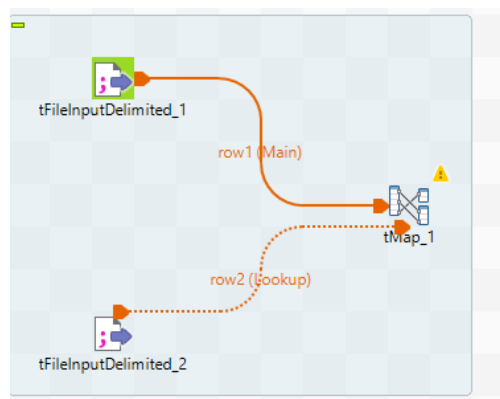
- The node of two tFileInputDelimited, one tMap and one tFileOutputDelimited were put into the job environment.



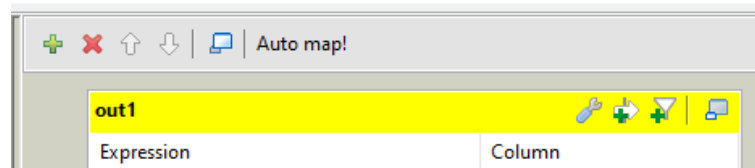
- Click on the both tFileInputDelimited, at the component part, choose the metadata that have set up before.



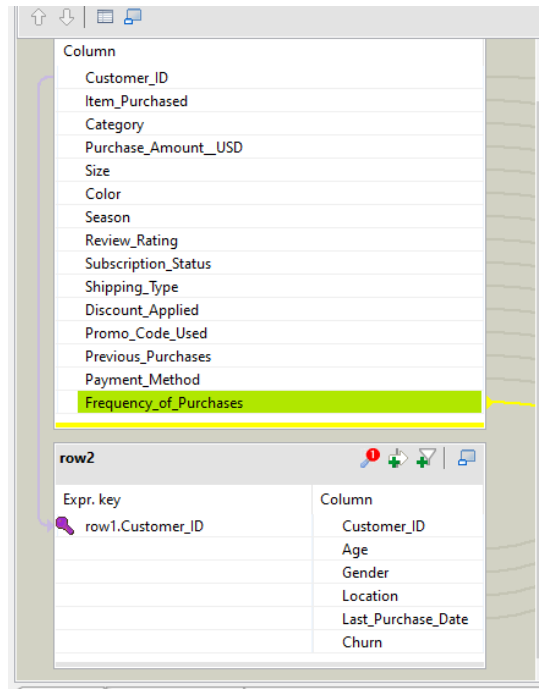
- Next, put arrow from both tFileInputDelimited to tMap and click on the tMap component and edit map editor.



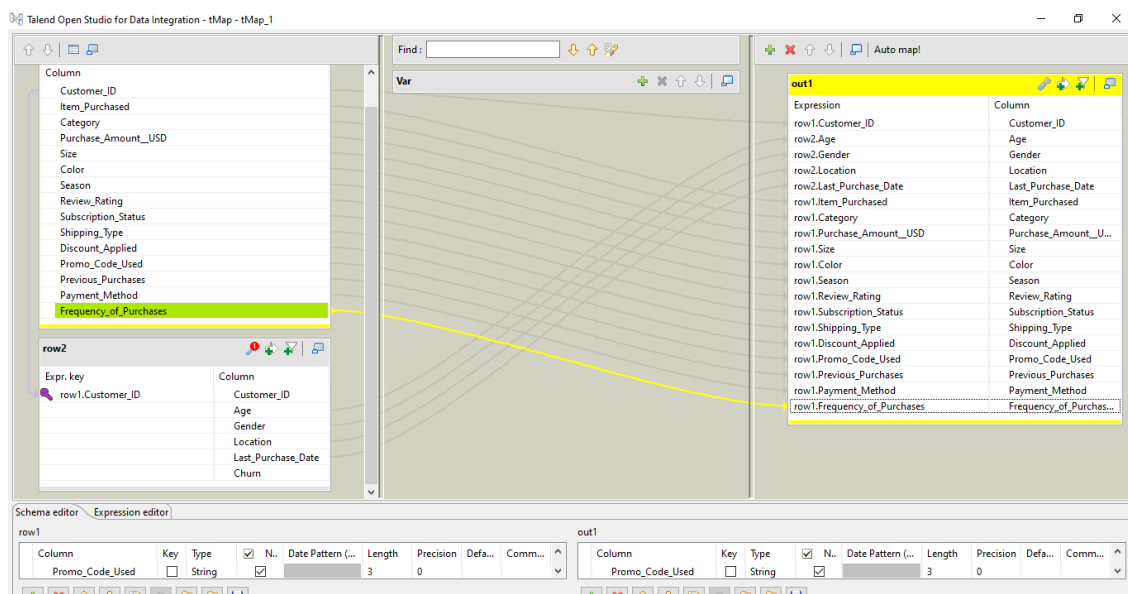
9. In the editor, new output table were added.



10. The input attribute column that have same value were linked together which is Customer ID.

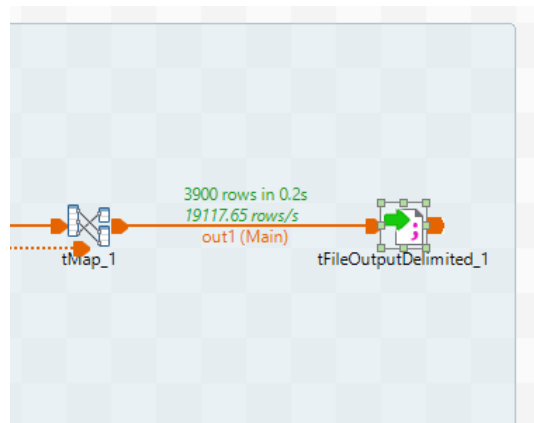


11. The column that wanted to show as output attribute were then dragged onto output table.

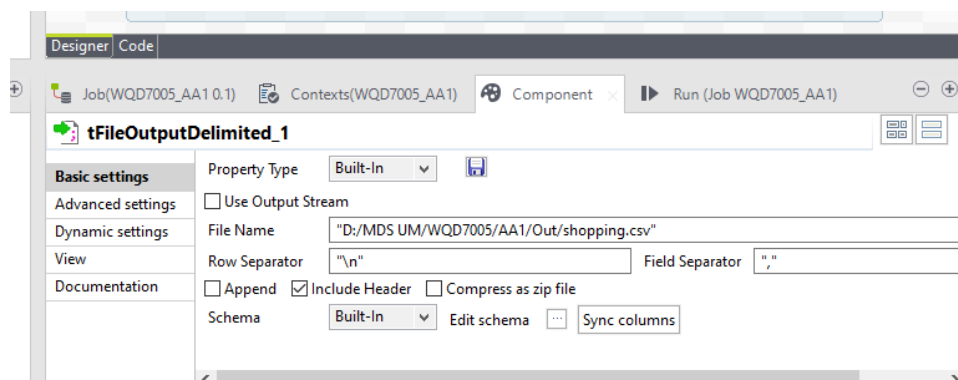


12. Save the editor.

13. Lastly, put arrow from tMap to tFileOutputDelimited, then run the job. One combined csv file was created.



14. Clicked on the tFileOutputDelimited component, choose the directory that want the files to be loaded. Then run the job.



15. A new csv files was created that integrate the both previous files.