Appendices - Advanced exercises

# ADV02 Excel

## Reverse, read and write

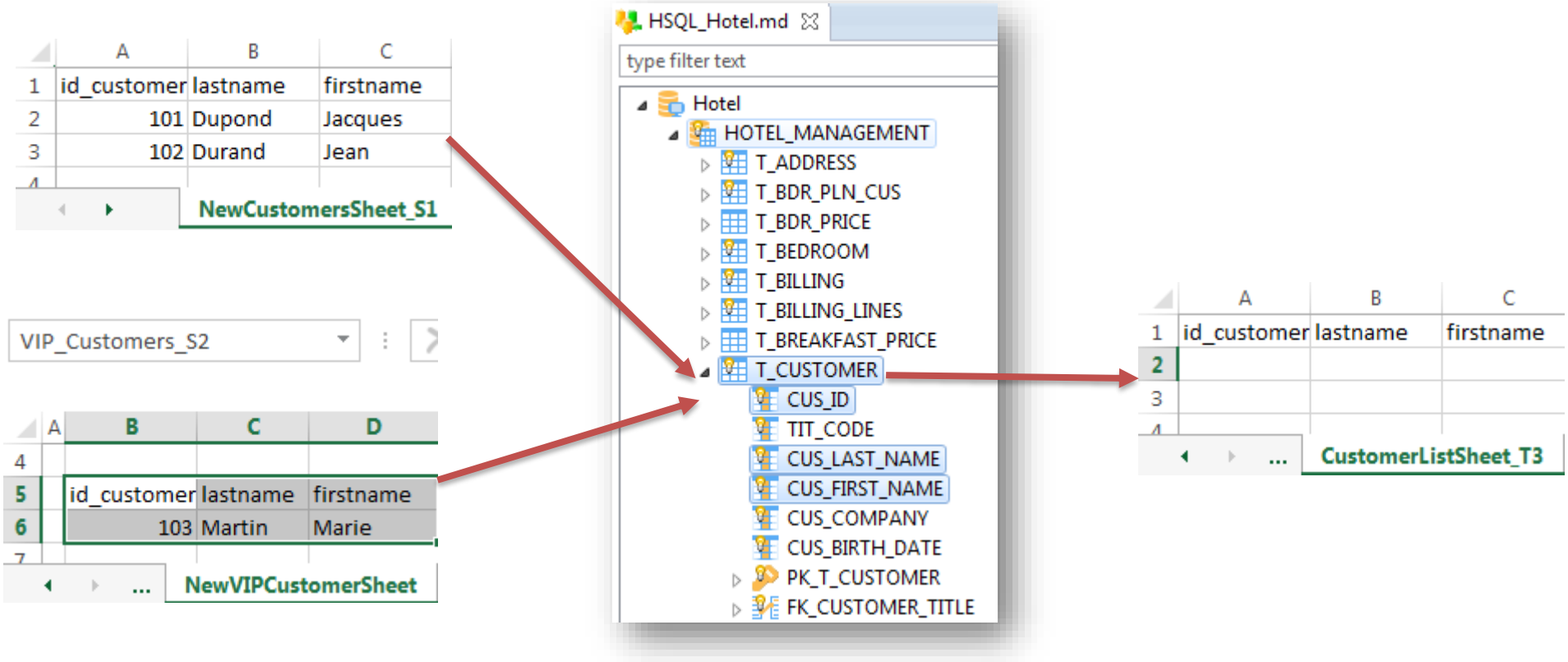
A related article in Stambia.org

- http://www.stambia.org/doc/92-technologies/excel/98-getting-started-with-stambia-s-jdbc-excel-driver

# Excel - 1/5

## Context

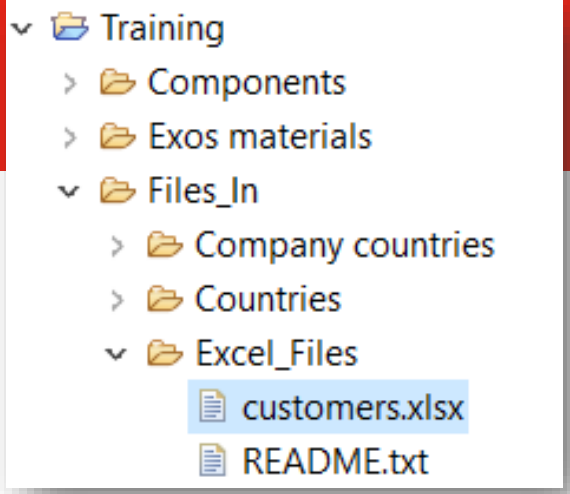
- The objective of this exercise is to reverse an Excel file, to read data from one sheet and from one named area, to insert those data in T_CUSTOMER table and then to write the whole customers information in another Excel sheet of the same file




NEED HELP?

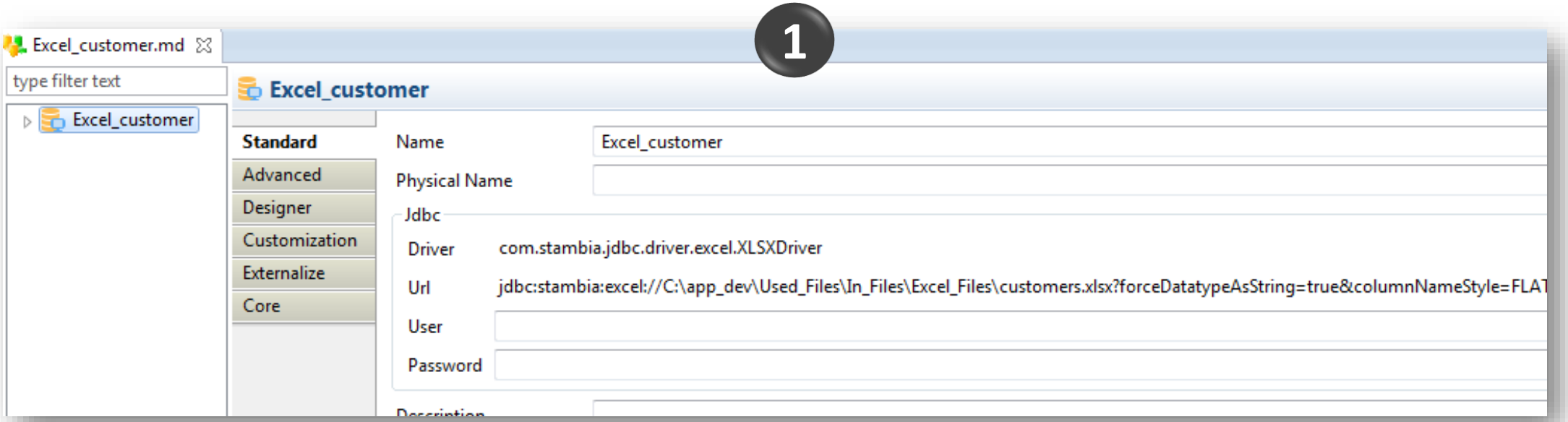
Training/Exos materials/AdvExo/Adv02_.../step_by_step_syntax_help.txt

# Excel - 2/5



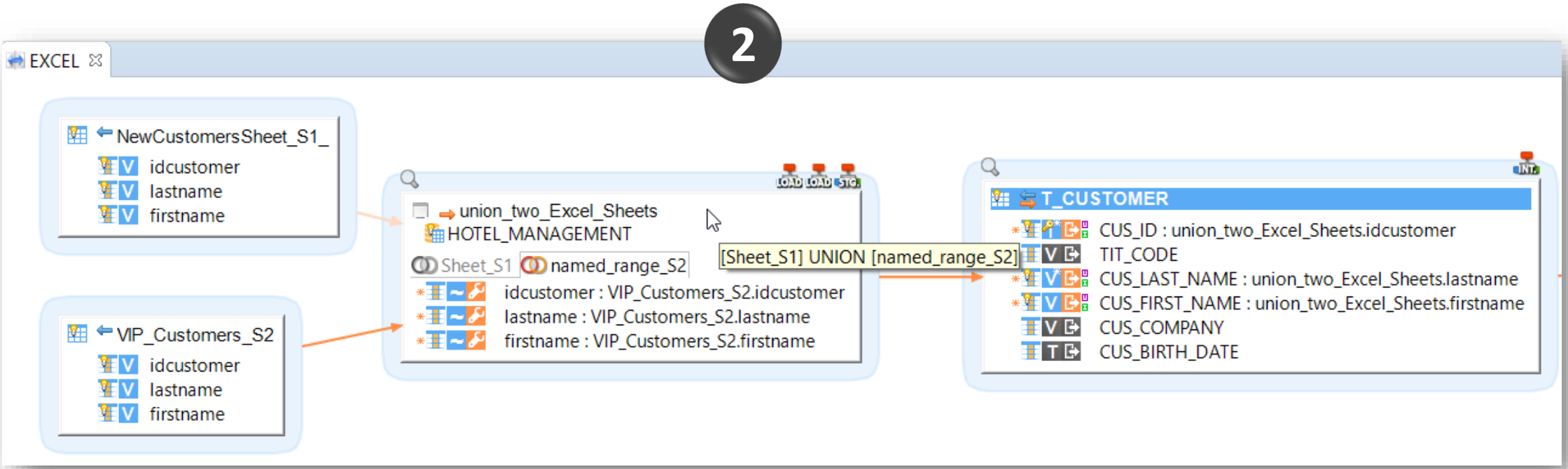

## 1 - Reverse the excel file (Training/Files_In/Excel_Files)

- SELECT "FLAT" as columnNameStyle
- Choose the two sheets (NewCustomersSheet_S1$ and CustomerListSheet_T3$) and the named area (VIP_Customers_S2)



## 2 - Create a mapping

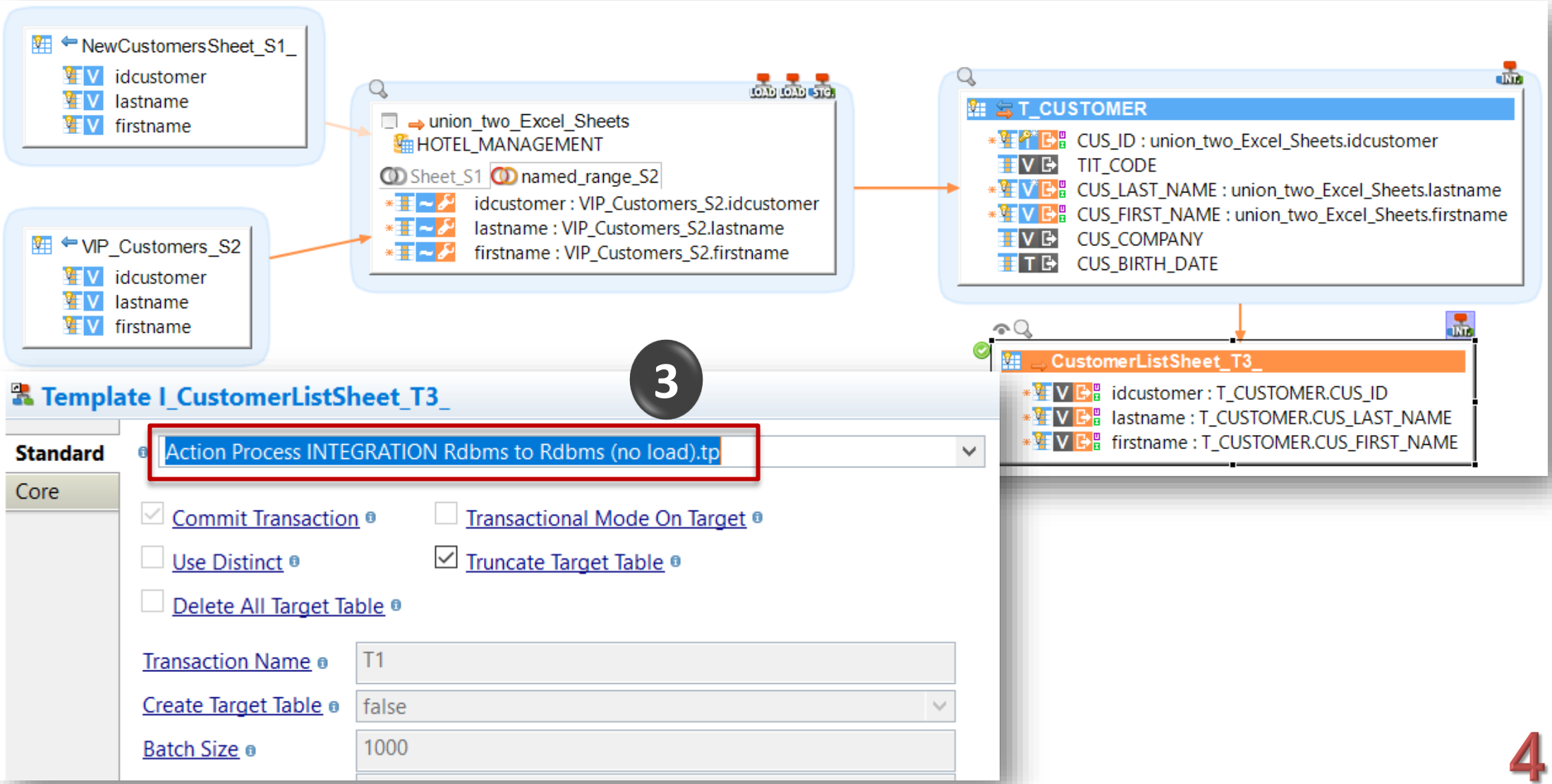
- Drag & drop the two source Excel elements in the mapping
- Drag & drop the schema “HOTEL_MANAGEMENT” as a stage in the mapping
- Drag & drop the target Excel sheet in the mapping
- Do an UNION on the stage step



# Excel - 4/5

## 3 – Drag & drop the target Excel sheet in the mapping

- Select the good template
  - Don’t forget to close the Excel file before the execution)



# Excel - 5/5

## 4 – The result

- Consult T_CUSTOMER table
- Consult the Excel file updated

4

EXCEL | T_CUSTOMER(11).sql

HOTEL (_AvPPrw-mEee_iZQMd6uOiQ)/sa | Limit Rows: 100

```
select * from HOTEL_MANAGEMENT.T_CUSTOMER
```

1 [select * from HOTEL_MA...] | Messages

| CUS_ID | TIT_CODE | CUS_LAST_NAME | CUS_FIRST_NAME | CUS_COMPANY | CUS_BIRTH_DATE |
|---|---|---|---|---|---|
| 90 | Mr | DIXON | Alex | | 1968-05-16 00:00:00:000 |
| 91 | Mr | ROBERTSON | Ben | | 1967-04-17 00:00:00:000 |
| 92 | Mrs | SHAW | Marlena | | 1977-11-03 00:00:00:000 |
| 93 | Mrs | PALMER | Cody | | 1972-12-09 00:00:00:000 |
| 94 | Mr | FERGUSON | Kyle | | <null> |
| 95 | Mr | SPENCER | James | | 1962-10-18 00:00:00:000 |
| 96 | Mr | ORTIZ | Tito | | 1985-01-13 00:00:00:000 |
| 97 | Mrs | ARNOLD | Hannah | | 1990-08-10 00:00:00:000 |
| 98 | Mr | WAGNER | Austin | | <null> |
| 99 | Mr | DUNCAN | Henry | | 1989-11-15 00:00:00:000 |
| 100 | Mr | HARPER | Roy | Procter & Gamble | 1982-12-03 00:00:00:000 |
| 101 | <null> | Dupond | Jacques | <null> | <null> |
| 102 | <null> | Durand | Jean | <null> | <null> |
| 103 | <null> | Martin | Marie | <null> | <null> |

Query executed in 2 ms. Number of rows returned: 103

| | A | B | C |
|---|---|---|---|
| 1 | id_customer | lastname | firstname |
| 98 | 97 | ARNOLD | Hannah |
| 99 | 98 | WAGNER | Austin |
| 100 | 99 | DUNCAN | Henry |
| 101 | 100 | HARPER | Roy |
| 102 | 101 | Dupond | Jacques |
| 103 | 102 | Durand | Jean |
| 104 | 103 | Martin | Marie |
| 105 | | | |

CustomerListSheet_T3