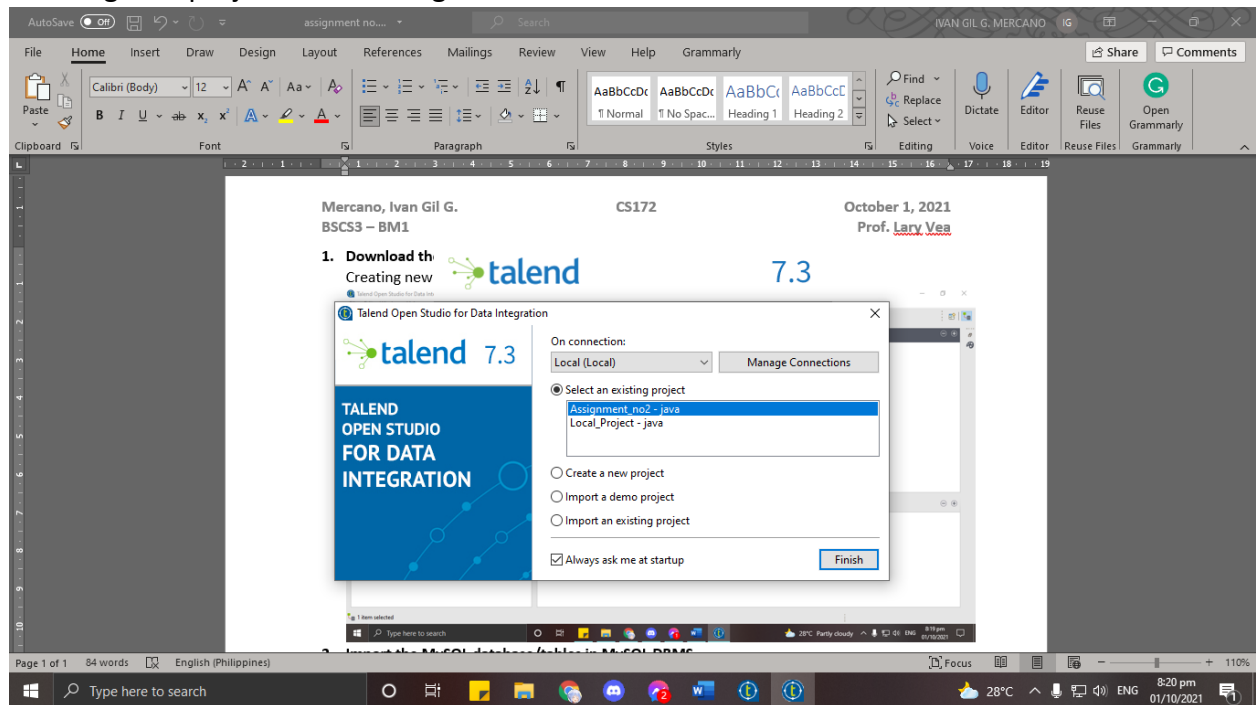
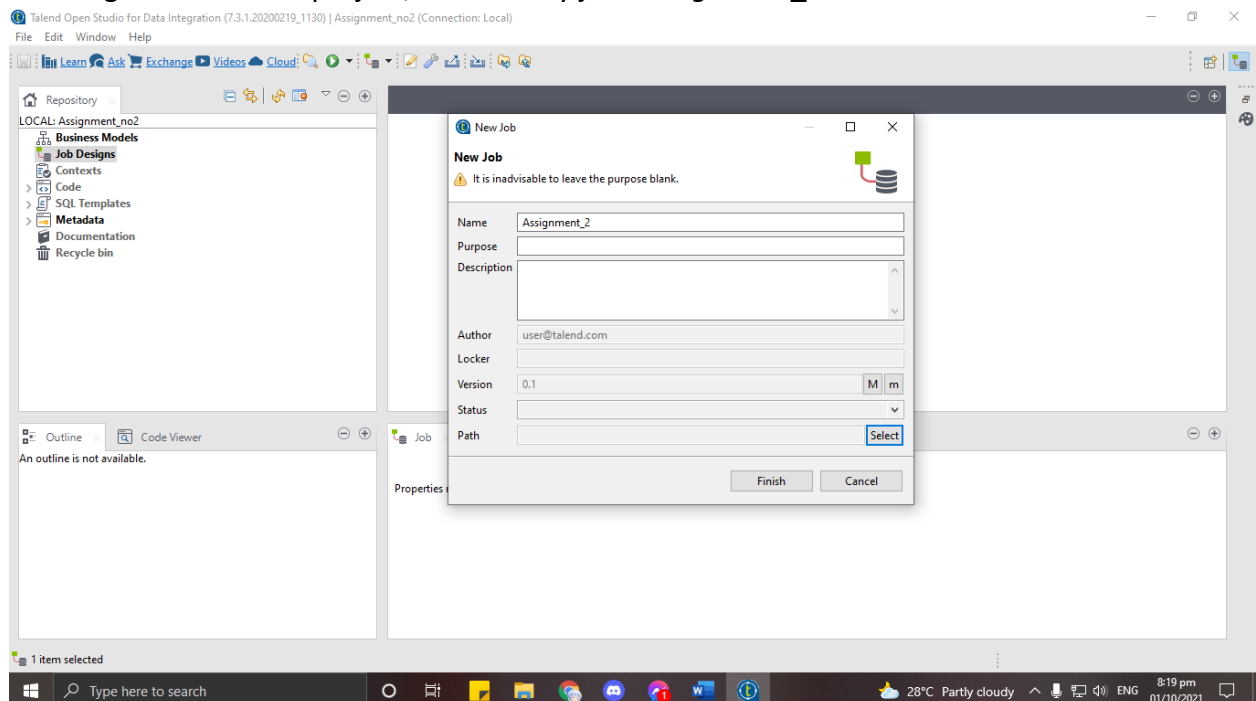


1. Download the attached file. Design a good database of the files/data.

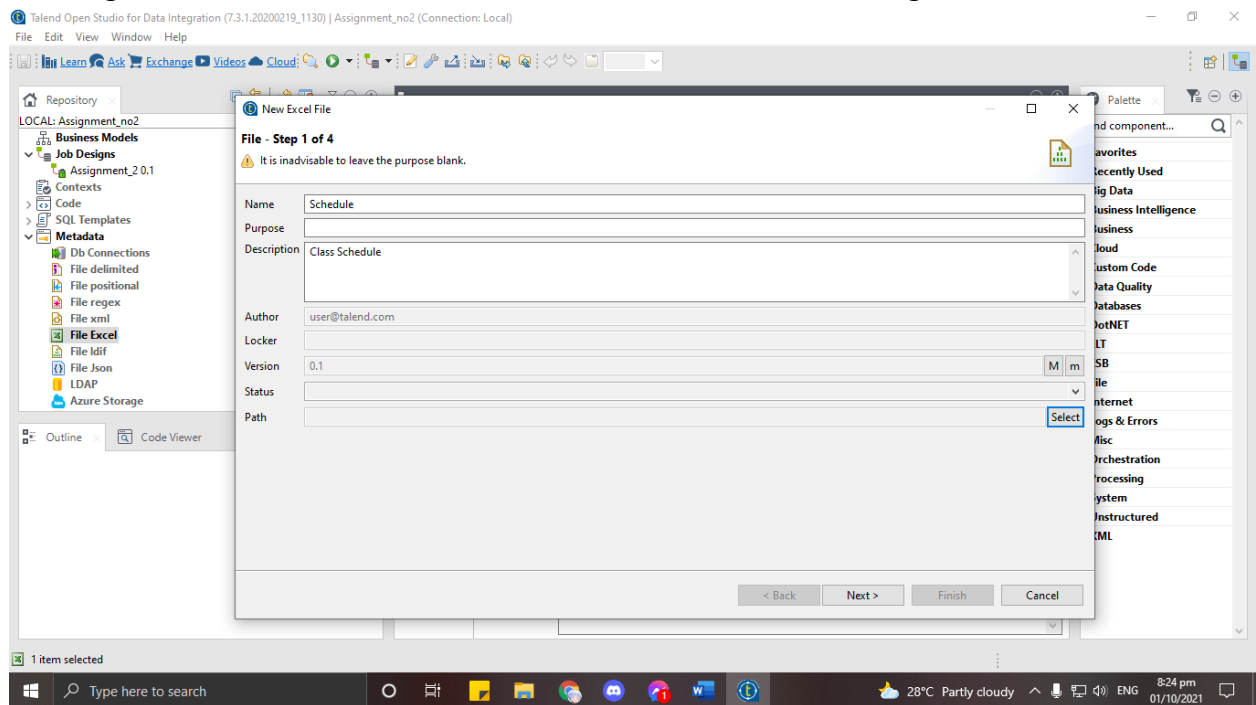
Creating new project for the assignment



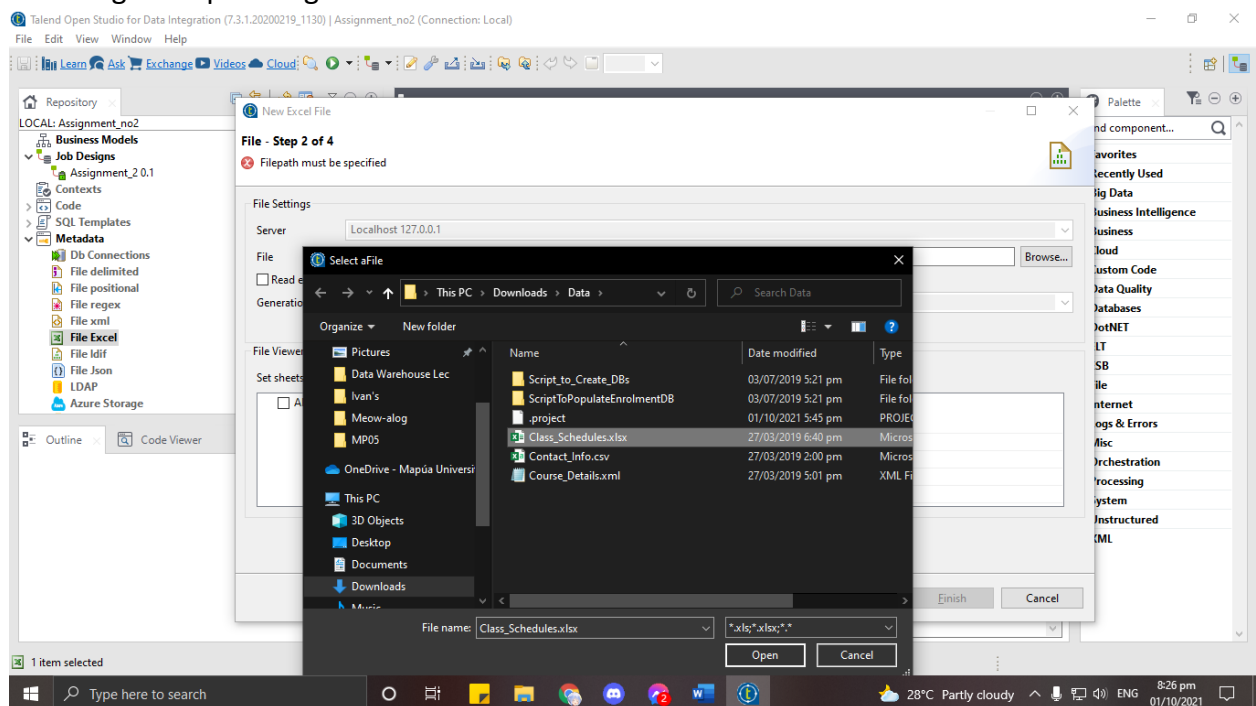
Creating Job inside the project, I named my job "Assignment_2"

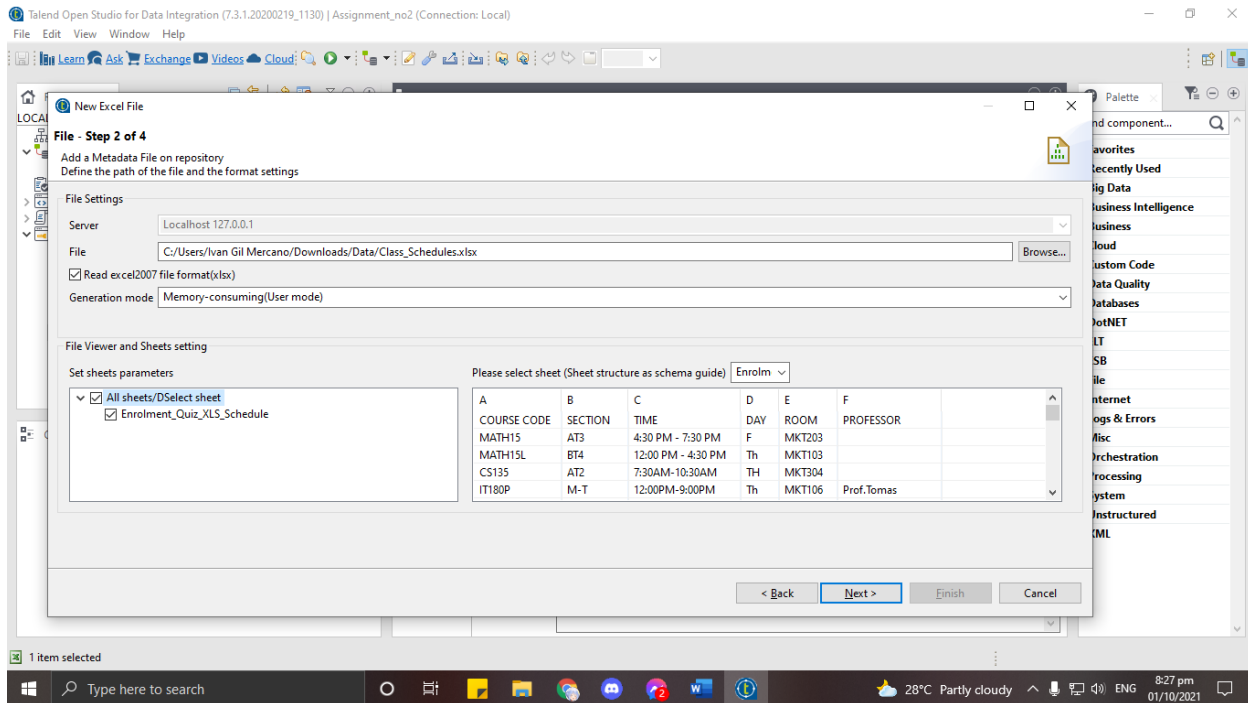


Creating new Excel file for Class Schedule under metadata and naming it "Schedule".

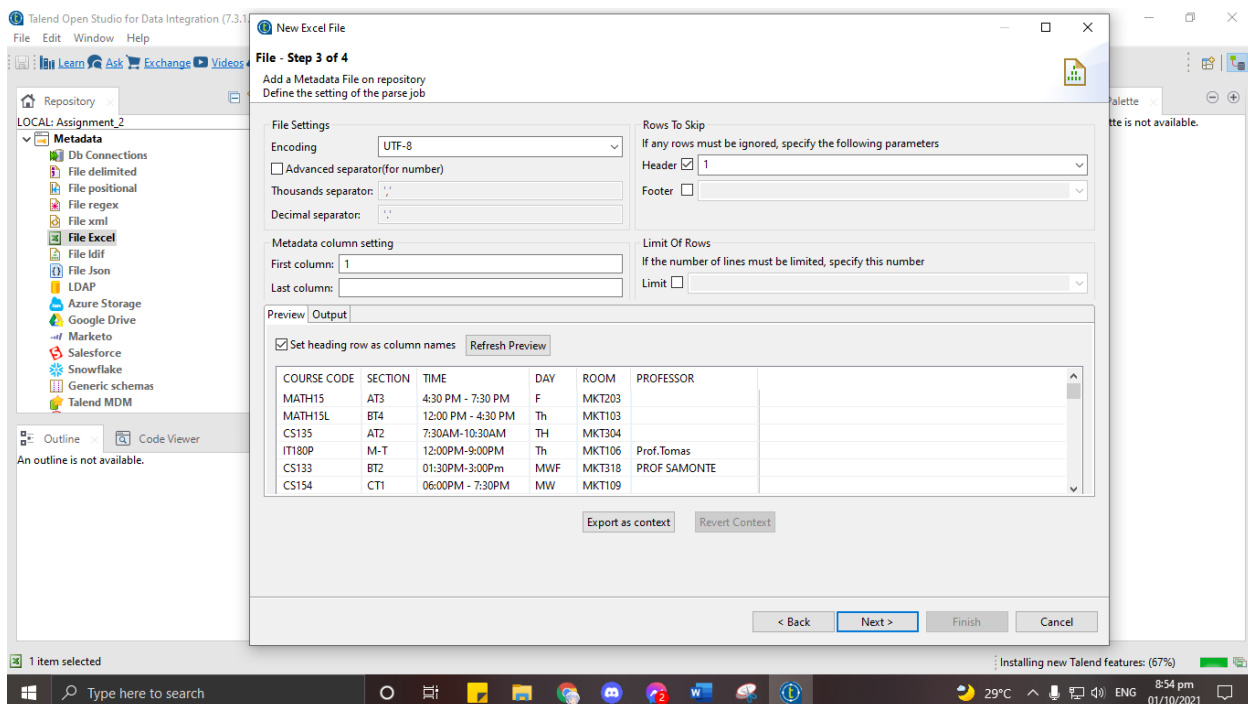


Selecting and uploading the Class Schedule excel file

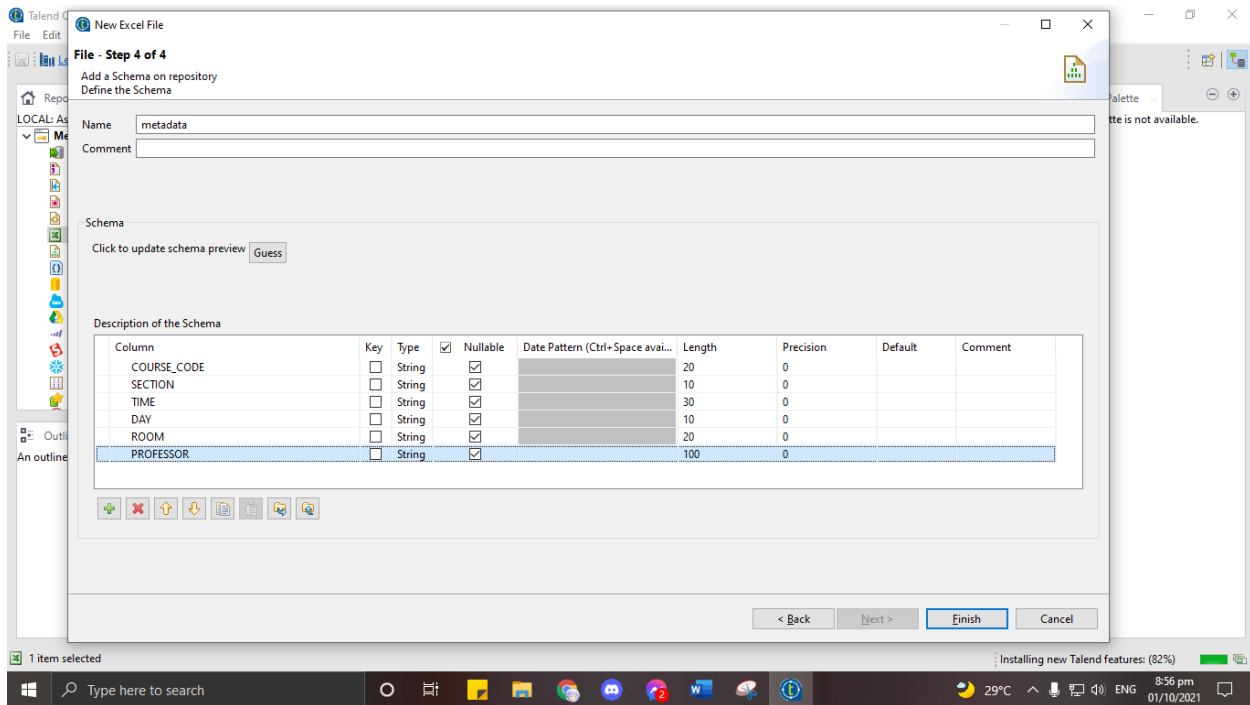




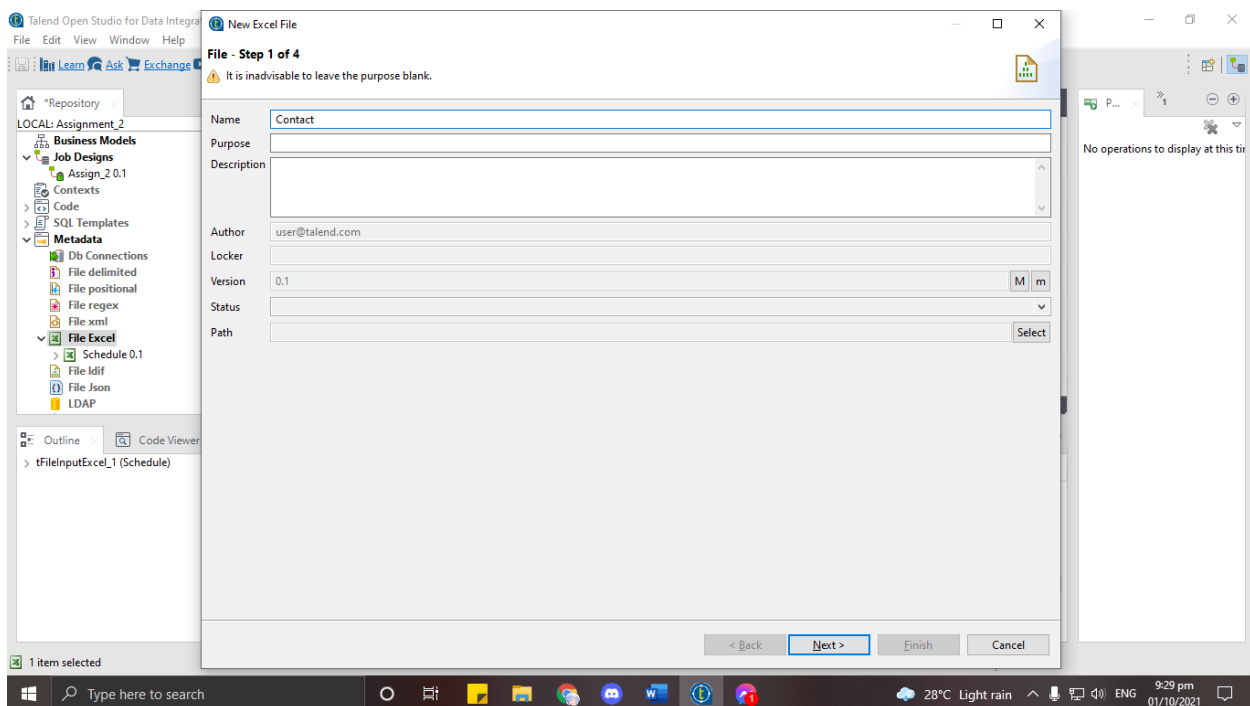
Defining the setting of parse job



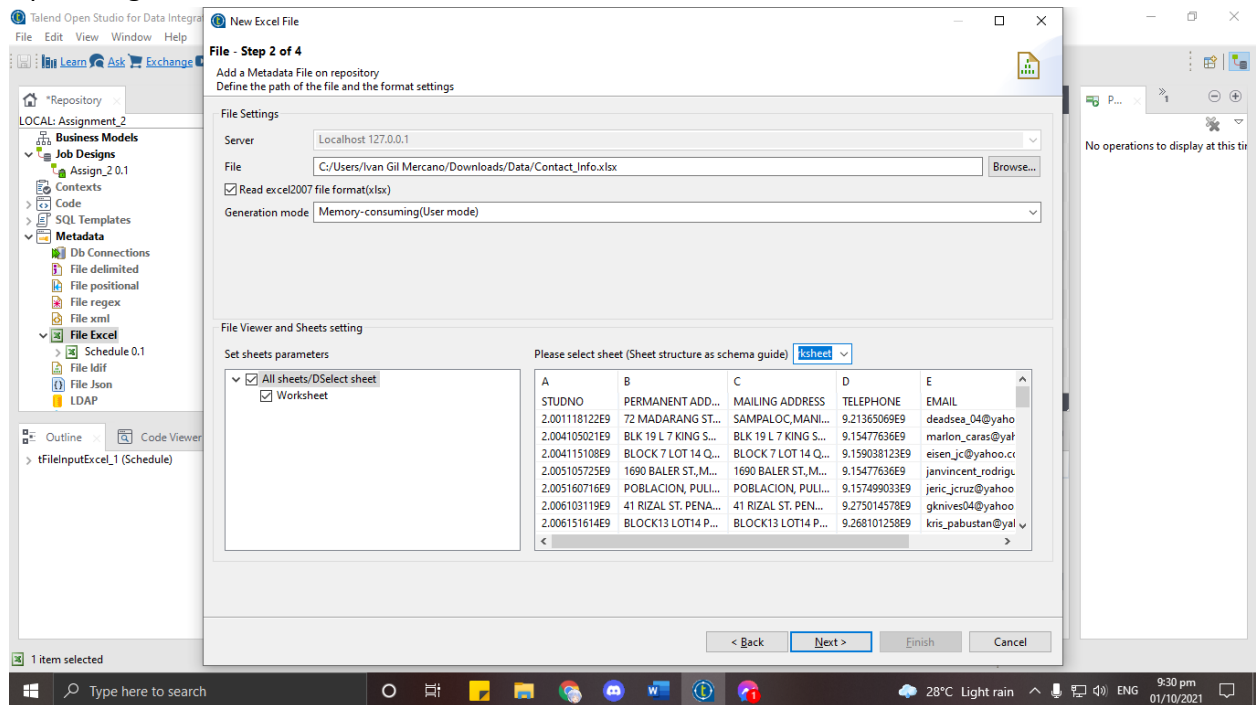
Configuring the schema



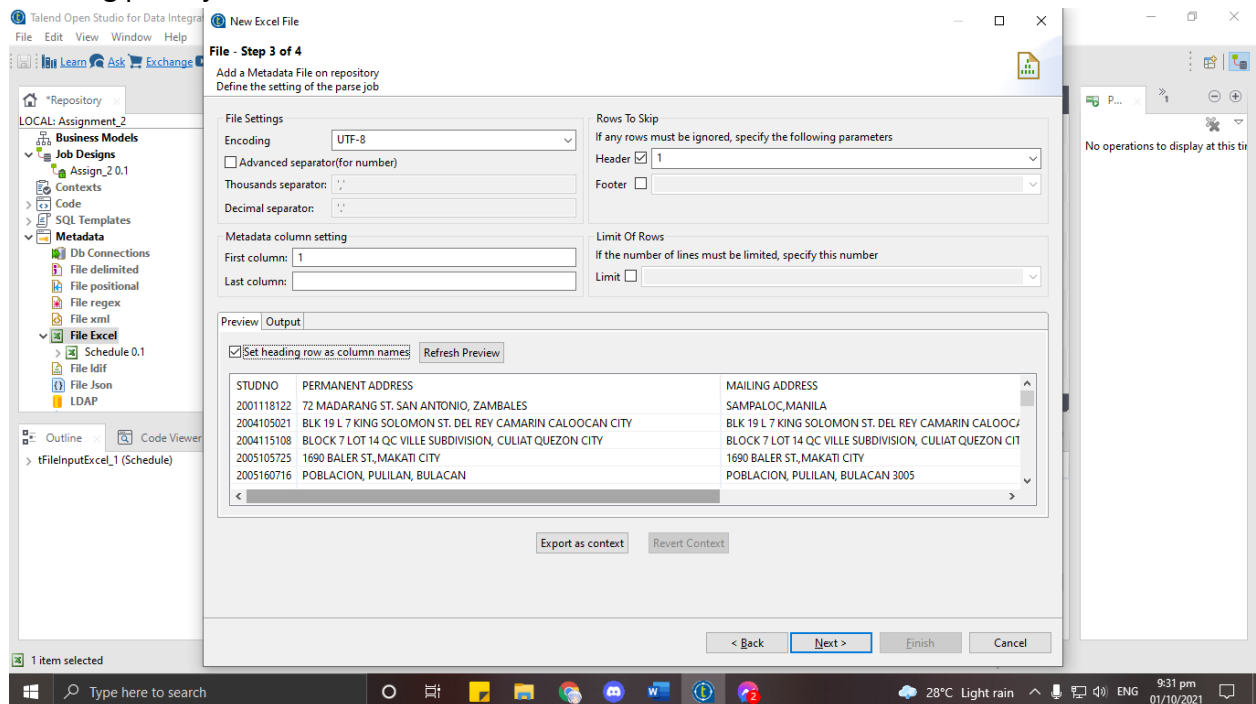
Creating Excel file for contact info named "Contact"



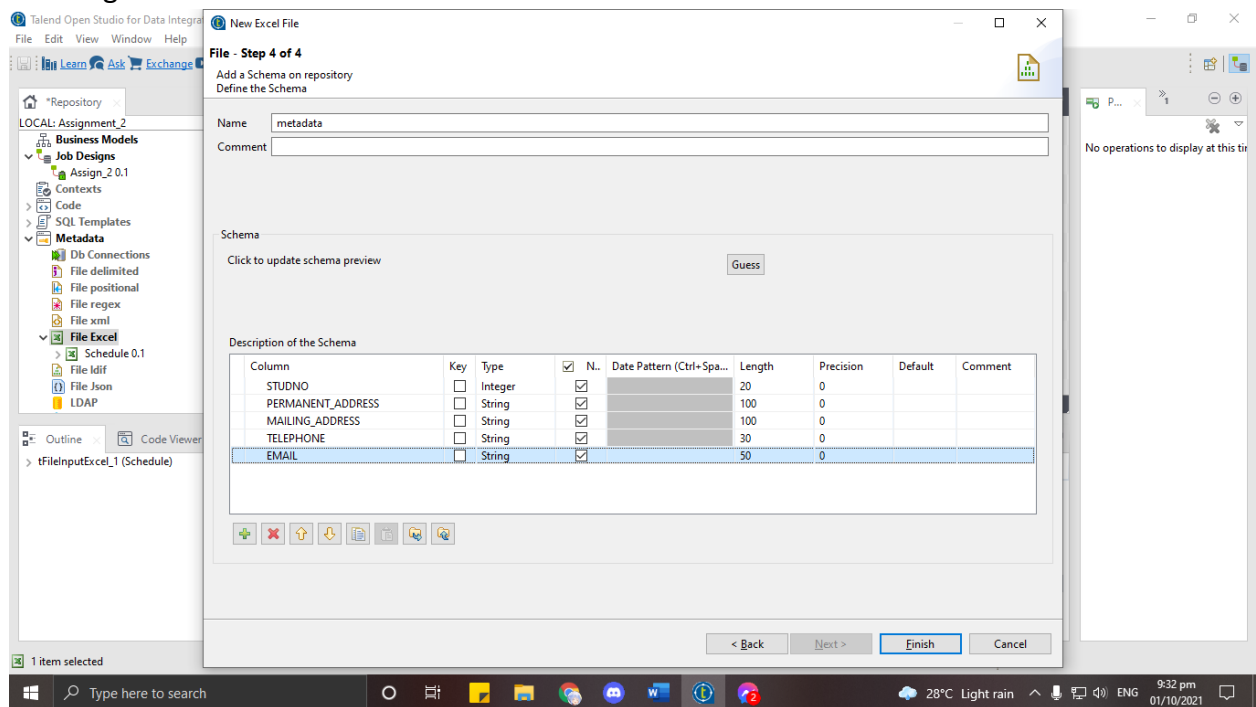
Uploading the excel file into the talend



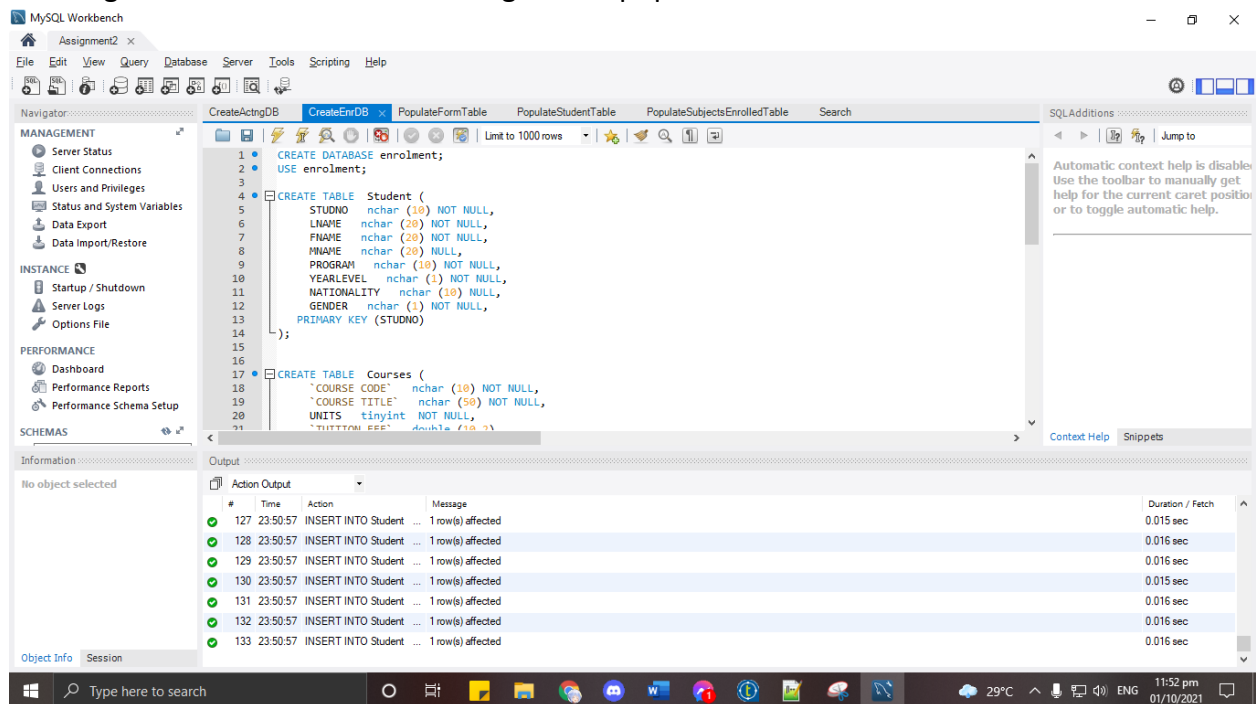
Defining parse job



Defining the schema



Creating database for enrollment using the script provided



Creating database for accounting using the script provided

The screenshot shows the MySQL Workbench interface. The 'Query' tab is active, displaying a SQL script to create a database named 'accounting' and three tables: 'Payments', 'ModeOfPayment', and 'MiscellaneousFees'. The 'Payments' table has columns: ORNumber (int, NOT NULL, PRIMARY KEY), STUDNO (nchar(15), NULL), AmountPaid (double(10,2)), Date (nchar(10), NULL), SYTerm (nchar(11), NULL), and a PRIMARY KEY constraint on (ORNumber, SYTerm). The 'ModeOfPayment' table has columns: STUDNO (nchar(10), NOT NULL) and MODEOFPAYMENT (nchar(15), NOT NULL). The 'MiscellaneousFees' table has columns: FeeCode (nchar(10), NOT NULL), FeeDescription (nchar(25), NOT NULL), and Amount (double(10,2)). The 'Output' tab shows the execution results, indicating that 133 rows were inserted into the 'Student' table.

```
1 CREATE DATABASE accounting;
2 USE accounting;
3
4 CREATE TABLE Payments (
5   ORNumber int NOT NULL,
6   STUDNO nchar(15) NULL,
7   AmountPaid double(10,2),
8   Date nchar(10) NULL,
9   SYTerm nchar(11) NULL,
10  PRIMARY KEY (ORNumber, SYTerm)
11 );
12
13 CREATE TABLE ModeOfPayment (
14   STUDNO nchar(10) NOT NULL,
15   MODEOFPAYMENT nchar(15) NOT NULL
16 );
17
18 CREATE TABLE MiscellaneousFees (
19   FeeCode nchar(10) NOT NULL,
20   FeeDescription nchar(25) NOT NULL,
21   Amount double(10,2)
22 );
```

#	Time	Action	Message	Duration / Fetch
127	23:50:57	INSERT INTO Student	... 1 row(s) affected	0.015 sec
128	23:50:57	INSERT INTO Student	... 1 row(s) affected	0.016 sec
129	23:50:57	INSERT INTO Student	... 1 row(s) affected	0.016 sec
130	23:50:57	INSERT INTO Student	... 1 row(s) affected	0.015 sec
131	23:50:57	INSERT INTO Student	... 1 row(s) affected	0.016 sec
132	23:50:57	INSERT INTO Student	... 1 row(s) affected	0.016 sec
133	23:50:57	INSERT INTO Student	... 1 row(s) affected	0.016 sec

Populating Student Table

The screenshot shows the MySQL Workbench interface with the 'Query' tab active. The SQL script displays 20 'INSERT INTO Student' statements, each followed by a 'VALUES' clause with five columns. The 'Output' tab shows the execution results, indicating that 133 rows were inserted into the 'Student' table.

```
1 USE Enrollment;
2
3 INSERT INTO Student VALUES ('098098', 'ioawjhdjk', '1kbnsejkadfl', 'a', 't');
4 INSERT INTO Student VALUES ('1111111111', 'Test', 'Test', 't', 't');
5 INSERT INTO Student VALUES ('1122334455', 'Test', 'Test', 't', 't');
6 INSERT INTO Student VALUES ('1231231', '1231231', '1231231', '2312312', 't');
7 INSERT INTO Student VALUES ('1231231231', 'Test', 'Test', 't', 't');
8 INSERT INTO Student VALUES ('123412345', 'Velasco', 'A', 'A', 'A');
9 INSERT INTO Student VALUES ('1234567890', 'Hello', 'Hi', 'H', 'H');
10 INSERT INTO Student VALUES ('1234567891', 'test', 'test', 'test', 'test');
11 INSERT INTO Student VALUES ('1234567892', 'test', 'test', 'test', 'test');
12 INSERT INTO Student VALUES ('1234567893', 'test', 'test', 'test', 'test');
13 INSERT INTO Student VALUES ('124124124', 'sagsdagsdag', 'sdfgsdagsdag', 'sdfgsdagsdag', 'sdfgsdagsdag');
14 INSERT INTO Student VALUES ('124124124', 'sagsdagsdag', 'sdfgsdagsdag', 'sdfgsdagsdag', 'sdfgsdagsdag');
15 INSERT INTO Student VALUES ('1414141414', 'Hello', 'Hi', 'H', 'H');
16 INSERT INTO Student VALUES ('2001118122', 'PULIDO', 'JOSEPH REINALD', 'AGLIBOT', 'AGLIBOT');
17 INSERT INTO Student VALUES ('2001140170', 'Mark', 'Florendo', 'Eduarte', 'Eduarte');
18 INSERT INTO Student VALUES ('2004105021', 'CARAS', 'MARLON', 'GARCES', 'GARCES');
19 INSERT INTO Student VALUES ('2004115108', 'NOBLE', 'JOSE CARLOS', 'REYES', 'REYES');
20 INSERT INTO Student VALUES ('2005105108', 'GONGTUIET', 'YAN YITHEFENT', 'NOTNNNN', 'NOTNNNN');
```

#	Time	Action	Message	Duration / Fetch
127	23:50:57	INSERT INTO Student	... 1 row(s) affected	0.015 sec
128	23:50:57	INSERT INTO Student	... 1 row(s) affected	0.016 sec
129	23:50:57	INSERT INTO Student	... 1 row(s) affected	0.016 sec
130	23:50:57	INSERT INTO Student	... 1 row(s) affected	0.015 sec
131	23:50:57	INSERT INTO Student	... 1 row(s) affected	0.016 sec
132	23:50:57	INSERT INTO Student	... 1 row(s) affected	0.016 sec
133	23:50:57	INSERT INTO Student	... 1 row(s) affected	0.016 sec

Populating Subject Enrolled table

MySQL Workbench interface showing the execution of a script to populate the 'SubjectsEnrolled' table. The script is titled 'PopulateSubjectsEnrolledTable' and contains 17 INSERT statements. The 'Output' pane shows the results of the execution, indicating that 17 rows were affected.

#	Time	Action	Message	Duration / Fetch
111	23:53:28	INSERT INTO SubjectsEnrolled	1 row(s) affected	0.016 sec
112	23:53:28	INSERT INTO SubjectsEnrolled	1 row(s) affected	0.016 sec
113	23:53:28	INSERT INTO SubjectsEnrolled	1 row(s) affected	0.015 sec
114	23:53:28	INSERT INTO SubjectsEnrolled	1 row(s) affected	0.016 sec
115	23:53:28	INSERT INTO SubjectsEnrolled	1 row(s) affected	0.015 sec
116	23:53:28	INSERT INTO SubjectsEnrolled	1 row(s) affected	0.016 sec
117	23:53:28	INSERT INTO SubjectsEnrolled	1 row(s) affected	0.016 sec

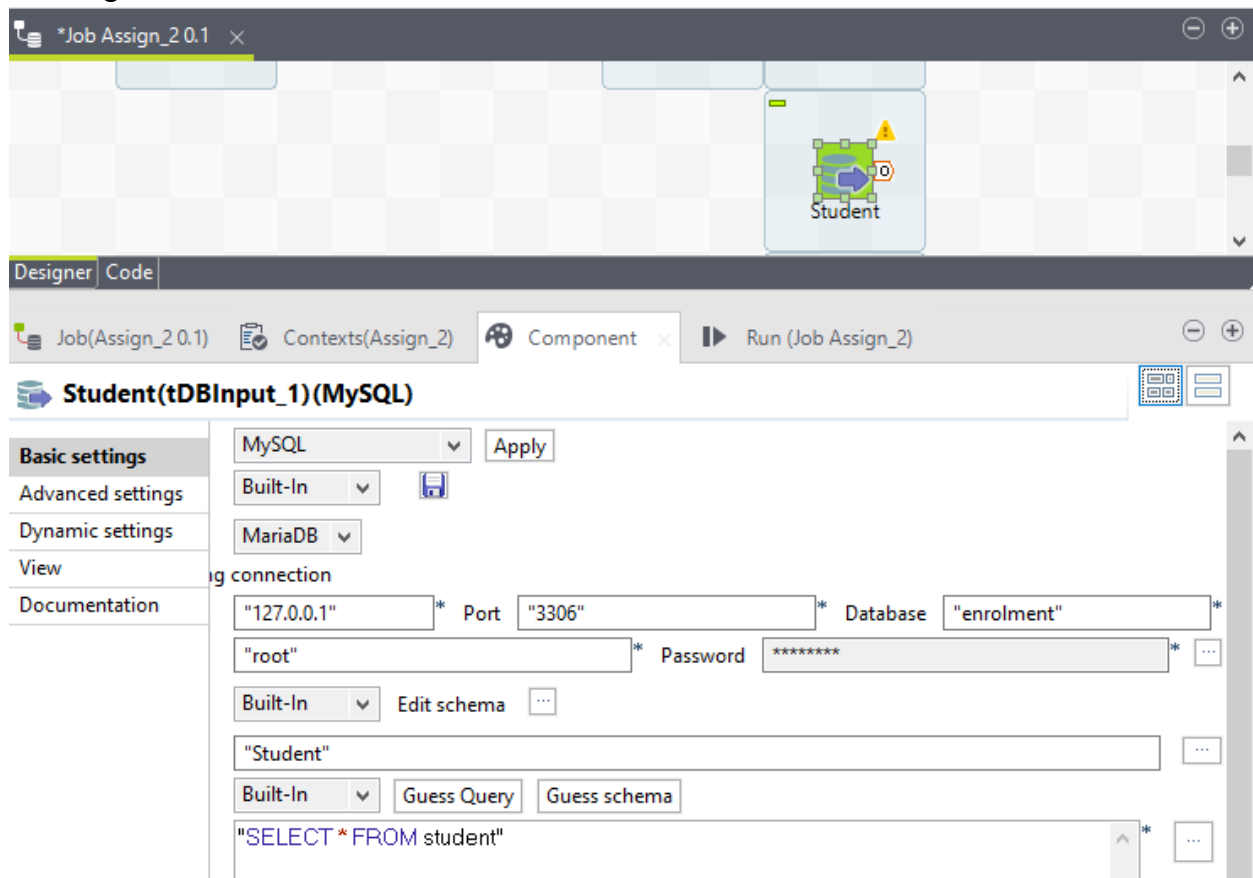
Populating Form Table

MySQL Workbench interface showing the execution of a script to populate the 'Form' table. The script is titled 'PopulateFormTable' and contains 20 INSERT statements. The 'Output' pane shows the results of the execution, indicating that 20 rows were affected.

#	Time	Action	Message	Duration / Fetch
34	00:00:43	INSERT INTO Form	1 row(s) affected	0.015 sec
35	00:00:43	INSERT INTO Form	1 row(s) affected	0.016 sec
36	00:00:43	INSERT INTO Form	1 row(s) affected	0.016 sec
37	00:00:43	INSERT INTO Form	1 row(s) affected	0.015 sec
38	00:00:43	INSERT INTO Form	1 row(s) affected	0.016 sec
39	00:00:43	INSERT INTO Form	1 row(s) affected	0.016 sec
40	00:00:44	INSERT INTO Form	1 row(s) affected	0.015 sec

2. Import the MySQL database/tables in MySQL DBMS.

Creating database for Student in talend



Checking the schema of student

Schema of Student

Column	Db Column	Key	Type	DB Type	Nullable	Date Pattern (Ctrl...)	Length	Precision
STUDNO	STUDNO	<input type="checkbox"/>	String	CHAR	<input type="checkbox"/>		40	0
LNAME	LNAME	<input type="checkbox"/>	String	CHAR	<input type="checkbox"/>		80	0
FNAME	FNAME	<input type="checkbox"/>	String	CHAR	<input type="checkbox"/>		80	0
MNAME	MNAME	<input type="checkbox"/>	String	CHAR	<input checked="" type="checkbox"/>		80	0
PROGRAM	PROGRAM	<input type="checkbox"/>	String	CHAR	<input type="checkbox"/>		40	0
YEARLEVEL	YEARLEVEL	<input type="checkbox"/>	String	CHAR	<input type="checkbox"/>		4	0
NATIONALITY	NATIONALITY	<input type="checkbox"/>	String	CHAR	<input checked="" type="checkbox"/>		40	0
GENDER	GENDER	<input type="checkbox"/>	String	CHAR	<input type="checkbox"/>		4	0

Creating database in talend for form

The screenshot shows the Talend Designer interface. At the top, a job named '*Job Assign_2 0.1' is open. The main workspace contains a 'Form' component. Below the workspace, the 'Designer' tab is active, showing the configuration for 'Form(tDBInput_2)(MySQL)'. The configuration is as follows:

- Basic settings:**
 - Database: MySQL
 - Property Type: Built-In
 - DB Version: MariaDB
 - ☐ Use an existing connection
 - Host: "127.0.0.1" * Port: "3306" * Database: "enrolment"
 - Username: "root" * Password: "*****"
 - Schema: Built-In Edit schema ...
 - Table Name: "Form"
 - Query Type: Built-In Guess Query Guess schema
 - Query: "SELECT * FROM Form"
- Data source:** (empty)

Checking the schema

Schema of Form

Column	Db Column	Key	Type	DB Type	<input checked="" type="checkbox"/> N..	Date Pattern (...)	Length	Precisi...
FormNumber	FormNumber	<input type="checkbox"/>	int	INTEGER	<input type="checkbox"/>		11	0
STUDNO	STUDNO	<input type="checkbox"/>	String	CHAR	<input type="checkbox"/>		40	0
DATEPRINTED	DATEPRINTED	<input type="checkbox"/>	String	CHAR	<input type="checkbox"/>		80	0

Creating database in talend for subjects enrolled

The screenshot shows the Talend Studio Designer interface. At the top, there's a job canvas with a 'Subjects' component. Below the canvas, the 'Designer' tab is active, showing the configuration for the 'Subjects(tDBInput_3)(MySQL)' component. The configuration is as follows:

- Basic settings:**
 - Database: MySQL
 - Property Type: Built-In
 - DB Version: MariaDB
 - ☐ Use an existing connection
 - Host: "127.0.0.1" * Port: "3306" * Database: "enrolment"
 - Username: "root" * Password: "*****"
 - Schema: Built-In Edit schema ...
 - Table Name: "SubjectsEnrolled"
 - Query Type: Built-In Guess Query Guess schema
 - Query: "SELECT * FROM SubjectsEnrolled"

Checking the schema

Schema of Subjects

Column	Db Column	Key	Type	DB Type	<input checked="" type="checkbox"/> N..	Date Pattern (Ct...	Length	Precision	Default	Comment
SY_TERM	SY TERM	<input type="checkbox"/>	String	CHAR	<input type="checkbox"/>		44	0		
STUDNO	STUDNO	<input type="checkbox"/>	String	CHAR	<input type="checkbox"/>		40	0		
COURSE_CODE	COURSE CODE	<input type="checkbox"/>	String	CHAR	<input type="checkbox"/>		40	0		
SECTION	SECTION	<input type="checkbox"/>	String	CHAR	<input type="checkbox"/>		20	0		
FINAL_GRADE	FINAL GRADE	<input type="checkbox"/>	String	CHAR	<input checked="" type="checkbox"/>		20	0		
C_GRADE	C GRADE	<input type="checkbox"/>	String	CHAR	<input checked="" type="checkbox"/>		20	0		
REMARK	REMARK	<input type="checkbox"/>	String	CHAR	<input checked="" type="checkbox"/>		40	0		

Creating database for schedule excel file in talend using the database in workspace

Database Connection

New Database Connection on repository - Step 1/2

⚠ It is inadvisable to leave the purpose blank.

Name:

Purpose:

Description:

Author:

Locker:

Version:

Status:

Path:

Defining database

Database Connection

New Database Connection on repository - Step 2/2

ℹ You must press the Check Button to check the Database Setting

DB Type:

String of Connection:

Login:

Password:

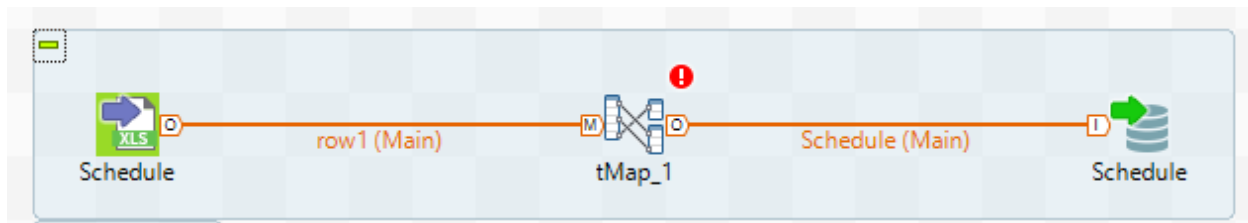
Server:

Port:

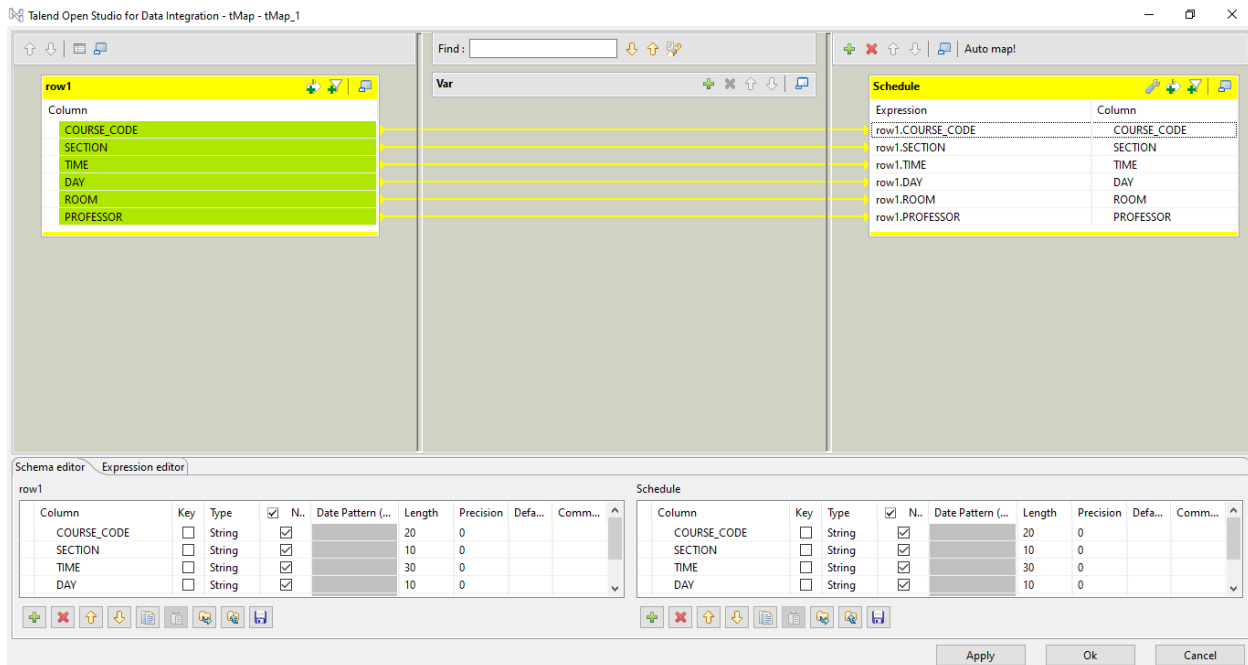
DataBase:

Additional parameters:

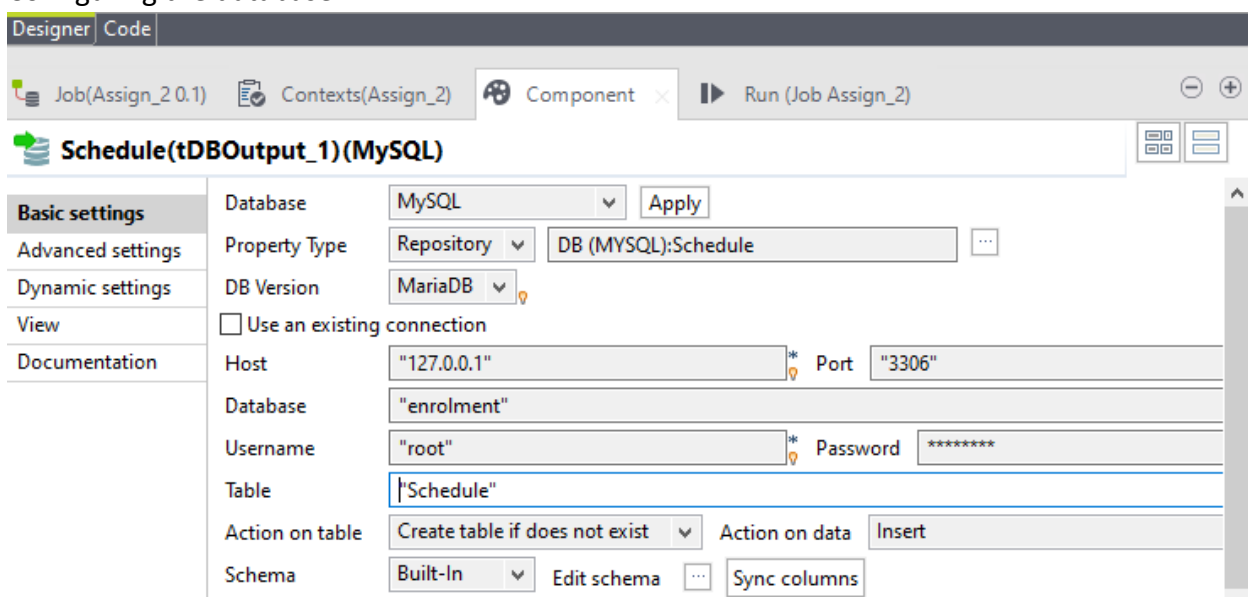
Connecting the tmap for schedule excel to the schedule database



Configuring the tmap



Configuring the database



Creating database for contact excel file in talend using the database in workspace

Database Connection

New Database Connection on repository - Step 1/2

⚠ It is inadvisable to leave the purpose blank.

Name: Contact

Purpose:

Description:

Author: user@talend.com

Locker:

Version: 0.1

Status:

< Back Next > Finish Cancel

Defining the database

Database Connection

New Database Connection on repository - Step 2/2

ⓘ You must press the Check Button to check the Database Setting

DB Type: MySQL

Db Version: MariaDB

String of Connection: jdbc:mariadb://127.0.0.1:3306/enrolment?noDatetimeStringSync=true

Login: root

Password: *****

Server: 127.0.0.1

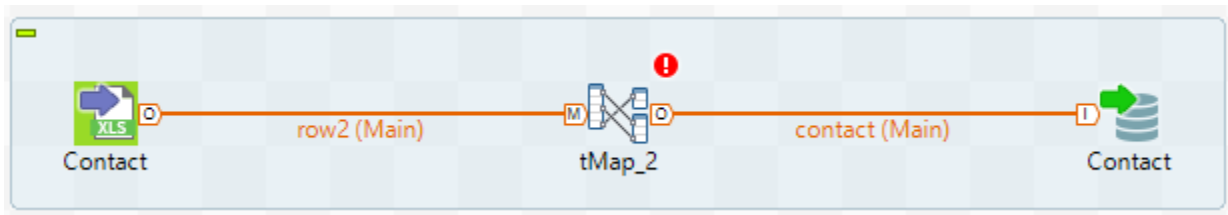
Port: 3306

DataBase: enrolment

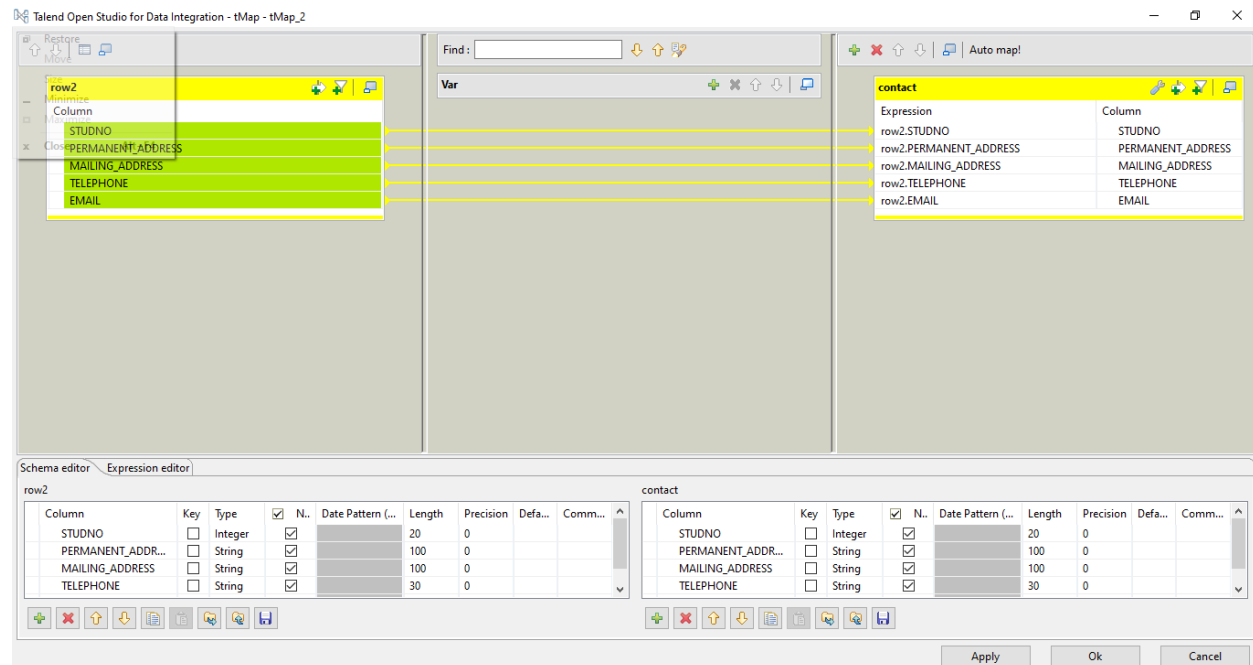
Additional parameters: noDatetimeStringSync=true

Test connection

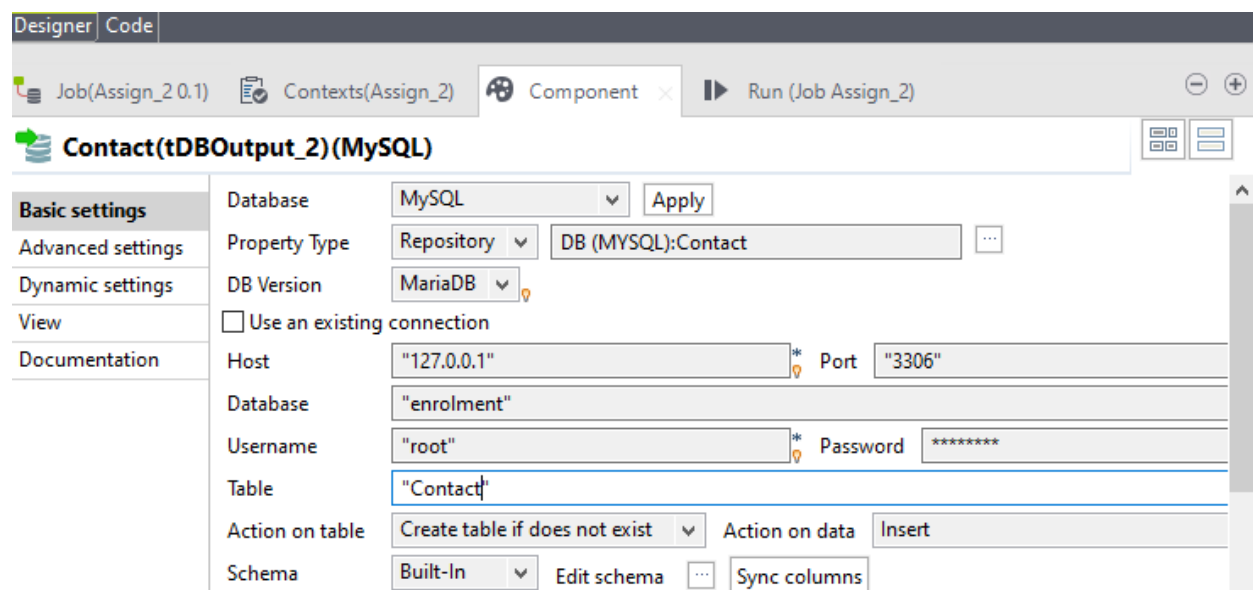
Connecting the tmap for contact excel to the contact database



Configuring the tmap



Configuring the database



Running the code

The screenshot displays a data integration tool interface with two job flows and an execution log.

Job Flow 1 (Top):

- Source:** XLS Schedule (155 rows in 0.55s, 281.31 rows/s, row1 (Main))
- Transformation:** tMap_1
- Destination:** Schedule (155 rows in 0.86s, 179.61 rows/s, Schedule (Main))

Job Flow 2 (Bottom):

- Source:** XLS Contact (63 rows in 0.06s, 1032.79 rows/s, row2 (Main))
- Transformation:** tMap_2
- Destination:** Contact (63 rows in 0.31s, 201.92 rows/s, contact (Main))

Execution Log (Bottom Panel):

Job Assign_2

- Basic Run** (selected)
- Debug Run**
- Advanced settings**
- Target Exec**
- Memory Run**

Execution

Run **Kill** **Clear**

Starting job Assign_2 at 17:35 02/10/2021.

[statistics] connecting to socket on port 3733
[statistics] connected
[statistics] disconnected

Job Assign_2 ended at 17:35 02/10/2021. [Exit code = 0]

Database Connection

New Database Connection on repository - Step 1/2

It is inadvisable to leave the purpose blank.

Name

Integration

Purpose

Description

Author

user@talend.com

Locker

Version

0.1

M

m

Status

Path

Select

Database Connection

New Database Connection on repository - Step 2/2

You must press the Check Button to check the Database Setting

DB Type: MySQL

Db Version: MariaDB

String of Connection: jdbc:mariadb://127.0.0.1:3306/enrolment?noDatetimeStringSync=true

Login: root

Password: ●●●●●

Server: 127.0.0.1

Port: 3306

DataBase: enrolment

Additional parameters: noDatetimeStringSync=true

Test connection

Configuring the database

Job(Integration 0.1) Contexts(Integration) Component Run (Job Integration)

Integration(tDBOutput_1)(MySQL)

Basic settings

Database: MySQL

Property Type: Repository DB (MYSQL):Integration

DB Version: MariaDB

☐ Use an existing connection

Host: "127.0.0.1" Port: "3306"

Database: "enrolment"

Username: "root" Password: "*****"

Table: "Integration"

Action on table: Drop table if exists and create Action on data: Insert

Schema: Built-In

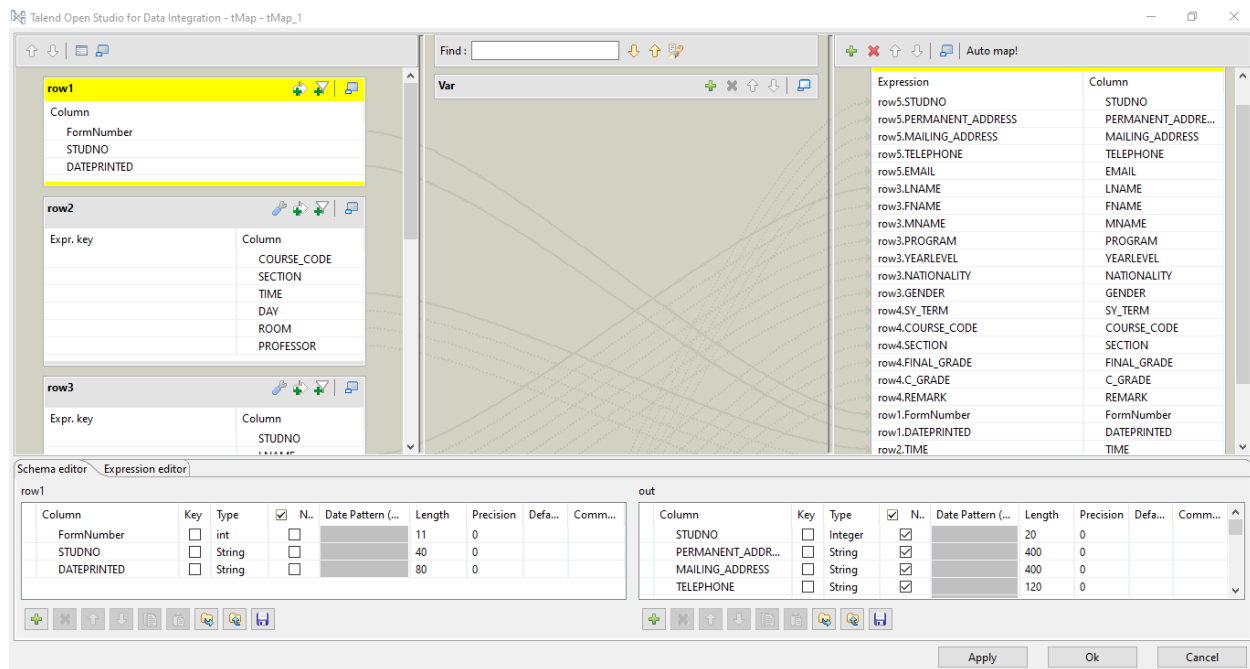
Data source

This option only applies when deploying and running in the Talend Runtime

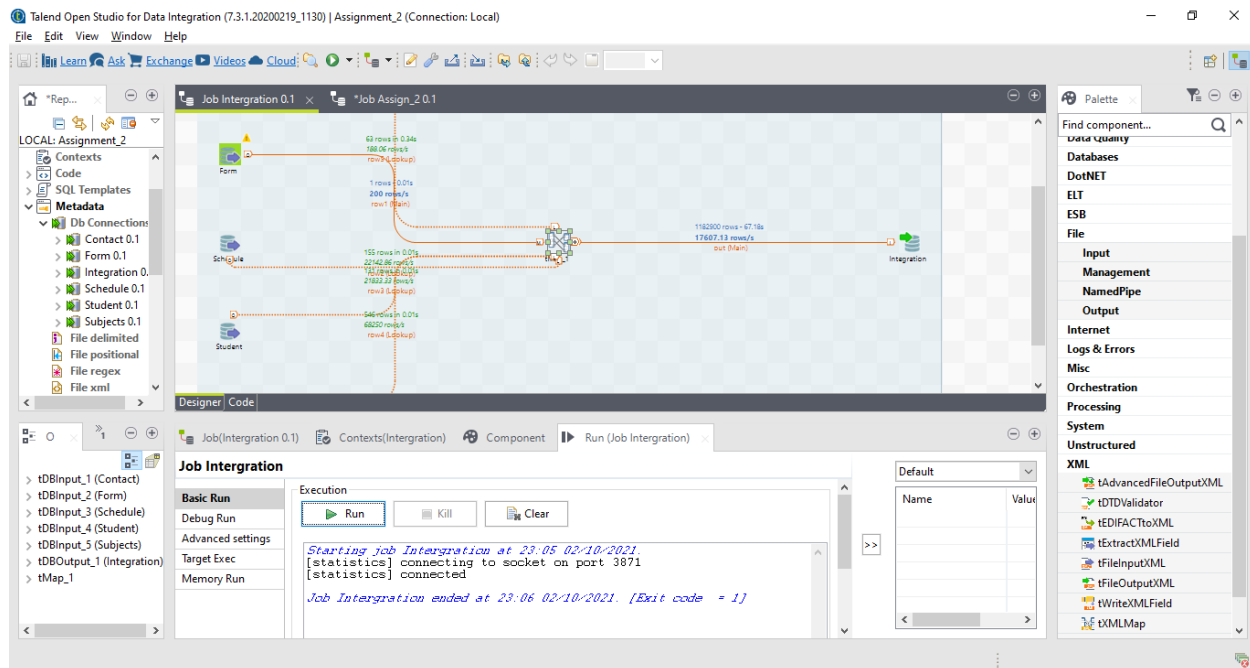
☐ Specify a data source alias

☐ Die on error

Configuring tmap



Running the code

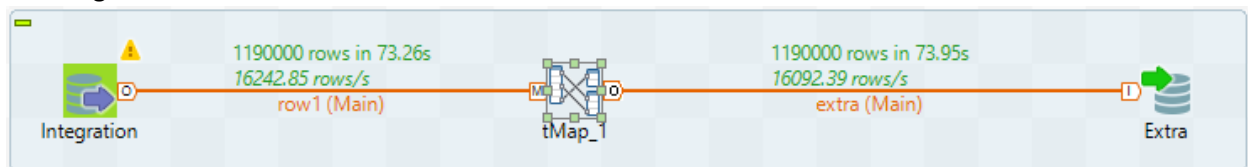


Displaying in workbench

	STUDNO	PERMANENT_ADDRESS	MAILING_ADDRESS	TELEPHONE	EMAIL	LNAM
	2005105725	1690 BALER ST., MAKATI CITY	1690 BALER ST., MAKATI CITY	9154776360	janvincent_rodriguez@yahoo.com	
	2005160716	POBLACION, PULILAN, BULACAN	POBLACION, PULILAN, BULACAN 3005	9157499033	jeri_cruz@yahoo.com	
	2006103119	41 RIZAL ST. PENARANDA NUEVA ECIJA	41 RIZAL ST. PENARANDA NUEVA ECIJA	9275014578	gknives04@yahoo.com	
	2006151614	BLOCK13 LOT14 PLA-PLA STREET BRGY LONGO...	BLOCK13 LOT14 PLA-PLA STREET BRGY LONGO...	9268101258	kris_pabustan@yahoo.com	
	2007101181	BRGY USUSAN TAGUIG CITY	LUBANG OCCIDENTAL MINDORO	9154776360	paul_whitegold@yahoo.com	
	2007101736	654 REMIGIA ST., DE GUZMAN SUBD., CABANA...	ILANG ILANG STREET., GUADALUPE VIEJO, MA...	9154776360	dj_nacpil15@live.com	
	2007103447	2027 GEN. RICARTE ST SOUTH CEMBO MAKATI...	2027 GEN. RICARTE ST SOUTH CEMBO MAKATI...	9154776360	sparda03@yahoo.com	
	2007103483	BLK 1 LOT 4 FIESTA SOUTH HOMES, SALITRAN ...	BLK 1 LOT 4 FIESTA SOUTH HOMES, SALITRAN ...	9053158604	jmelatina@live.co.uk	
	2007140232	26 SALALILLA ST. PROJ. 4 Q.C.	26 SALALILLA ST. PROJ. 4 Q.C.	9154776360	czar8_camua@yahoo.com	
	2008101547	T1 2308 Taft Ave. Pasay City	T1 2308 Taft Ave. Pasay City	9154776360	glentan_07@yahoo.com	
	2008102122	#044 V. CONSTANTINO ST, BRGY. RAJAH SOLI...	24258 M. DELA CRUZ, STA. CLARA PASAY CITY	9165981602	alyssa.deveza@yahoo.com	
	2008104186	621 ANTIPOLO ST. GAG. TONDO MLA.	621 ANTIPOLO ST. GAG. TONDO MLA.	9174634139	lovelyemeses@hotmail.com	
	2008104606	B2 L17, NARRA ST., VERAVILLE HOMES 2, SUC...	B2 L17, NARRA ST., VERAVILLE HOMES 2, SUC...	9235953002	leonard_luzon2000@yahoo.com	
	2008106073	2538 BONIFACIO ST. BANGKAL MAKATI CITY	2538 BONIFACIO ST. BANGKAL MAKATI CITY	9329755264	scfikiddo@yahoo.com	
	2008106411	2427 HAVANA ST. STA.ANA MLA.	2427 HAVANA ST. STA.ANA MLA.	9323692752	elviners@yahoo.com	
	2008140229	#40 12TH AVE. QUEZON CITY	#40 12TH AVE. QUEZON CITY	9176196718	josh_siryo@yahoo.com	
	2008140434	#41 FERRARI ST. VILLAGE EAST CAINTA RIZAL	#41 FERRARI ST. VILLAGE EAST CAINTA RIZAL	9273389596	ragnaron_07@yahoo.com	
	2008140590	7 HONTIVEROS ST. BF HOMES QUEZON CITY	7 HONTIVEROS ST. BF HOMES QUEZON CITY	9167865548	antonettefer@yahoo.com	
	2008140833	false	false	9163448303	gaviola_jomarie@yahoo.com	

4. For extra score, used Talend to generate a table that contains the Student Number, Program, Year Level, Gender, and Load of each Enrolled Student.

Creating new schema



Configuring tmap

Talend Open Studio for Data Integration - tMap - tMap_1

The screenshot shows the 'Configuring tmap' window in Talend Open Studio. The 'Auto map!' tab is selected, displaying a mapping between the 'row1' input schema and the 'extra' output schema. The 'row1' schema includes columns: STUDNO, PERMANENT_ADDRESS, MAILING_ADDRESS, TELEPHONE, LNAME, FNAME, MNAME, PROGRAM, YEARLEVEL, NATIONALITY, GENDER, SY_TERM, COURSE_CODE, SECTION, FINAL_GRADE, C_GRADE, REMARK, and FormNumber. The 'extra' schema includes columns: STUDNO, PROGRAM, YEARLEVEL, GENDER, COURSE_CODE, SECTION, ROOM, DAY, TIME, and PROFESSOR. The mapping is as follows:

- row1.STUDNO maps to extra.STUDNO
- row1.PROGRAM maps to extra.PROGRAM
- row1.YEARLEVEL maps to extra.YEARLEVEL
- row1.GENDER maps to extra.GENDER
- row1.COURSE_CODE maps to extra.COURSE_CODE
- row1.SECTION maps to extra.SECTION
- row1.ROOM maps to extra.ROOM
- row1.DAY maps to extra.DAY
- row1.TIME maps to extra.TIME
- row1.PROFESSOR maps to extra.PROFESSOR

Below the mapping table, the 'Schema editor' and 'Expression editor' tabs are visible. The 'Schema editor' shows the data types and constraints for the columns in both schemas. For 'row1', STUDNO is Integer (20), PERMANENT_ADDRESS is String (1600), MAILING_ADDRESS is String (1600), and TELEPHONE is String (480). For 'extra', STUDNO is Integer (20), PROGRAM is String (160), YEARLEVEL is String (16), and GENDER is String (16).

Running the code

Job Intergration 0.1 *Job Assign_2 0.1 *Job Extra_Points 0.1

Integration 1190000 rows in 73.26s 16242.85 rows/s row1 (Main) tMap_1 1190000 rows in 73.95s 16092.39 rows/s extra (Main) Extra

Designer Code

Job(Extra_Points 0.1) Contexts(Extra_Points) Component Run (Job Extra_Points)

Job Extra_Points

Basic Run
Debug Run
Advanced settings
Target Exec
Memory Run

Execution

Run Kill Clear

Starting job Extra_Points at 23:44 02/10/2021.
[statistics] connecting to socket on port 3796
[statistics] connected
[statistics] disconnected
Job Extra_Points ended at 23:45 02/10/2021. [Exit code = 0]

Default

Name Value

Displaying the created table in the database

	STUDNO	PROGRAM	YEARLEVEL	GENDER	COURSE_CODE	SECTION	ROOM	DAY	TIME	PROFESSOR
▶	2001118122			M	CS135	BT1	MKT203	F	4:30 PM - 7:30 PM	NULL
	2004105021			M	CS135	BT1	MKT203	F	4:30 PM - 7:30 PM	NULL
	2004115108			M	CS135	BT1	MKT203	F	4:30 PM - 7:30 PM	NULL
	2005105725			M	CS135	BT1	MKT203	F	4:30 PM - 7:30 PM	NULL
	2005160716			M	CS135	BT1	MKT203	F	4:30 PM - 7:30 PM	NULL
	2006103119			M	CS135	BT1	MKT203	F	4:30 PM - 7:30 PM	NULL
	2006151614			M	CS135	BT1	MKT203	F	4:30 PM - 7:30 PM	NULL
	2007101181			M	CS135	BT1	MKT203	F	4:30 PM - 7:30 PM	NULL
	2007101736			M	CS135	BT1	MKT203	F	4:30 PM - 7:30 PM	NULL
	2007103447			M	CS135	BT1	MKT203	F	4:30 PM - 7:30 PM	NULL
	2007103483			M	CS135	BT1	MKT203	F	4:30 PM - 7:30 PM	NULL
	2007140232			M	CS135	BT1	MKT203	F	4:30 PM - 7:30 PM	NULL
	2008101547			M	CS135	BT1	MKT203	F	4:30 PM - 7:30 PM	NULL
	2008102122			M	CS135	BT1	MKT203	F	4:30 PM - 7:30 PM	NULL
	2008104186			M	CS135	BT1	MKT203	F	4:30 PM - 7:30 PM	NULL
	2008104606			M	CS135	BT1	MKT203	F	4:30 PM - 7:30 PM	NULL
	2008106073			M	CS135	BT1	MKT203	F	4:30 PM - 7:30 PM	NULL
	2008106411			M	CS135	BT1	MKT203	F	4:30 PM - 7:30 PM	NULL
	2008140229			M	CS135	BT1	MKT203	F	4:30 PM - 7:30 PM	NULL
	2008140434			M	CS135	BT1	MKT203	F	4:30 PM - 7:30 PM	NULL
	2008140590			M	CS135	BT1	MKT203	F	4:30 PM - 7:30 PM	NULL