

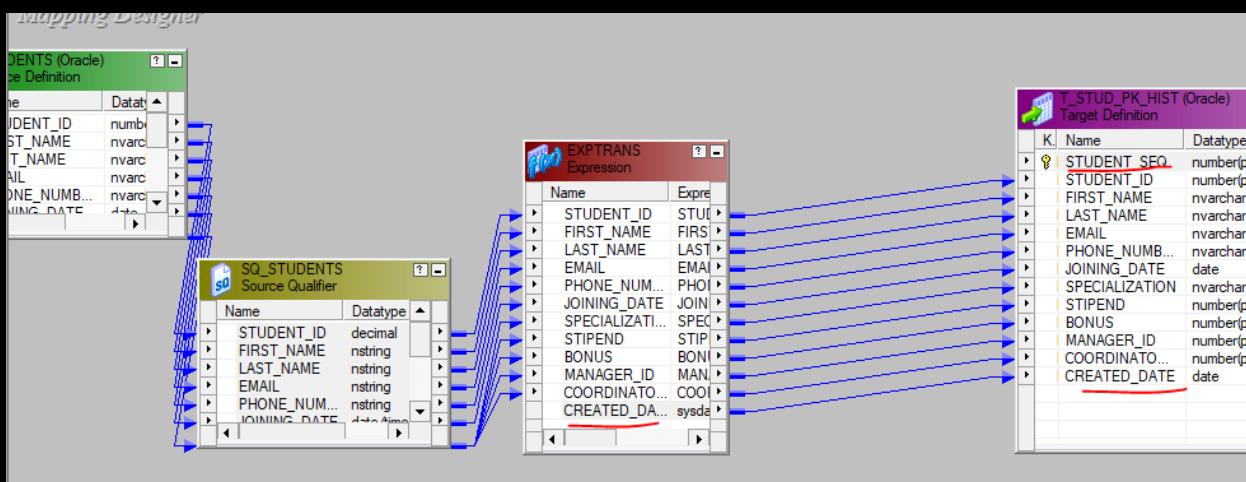
CALL/WHATSAPP - 8970853557 / 9448005273

IICS COMBO

NEXT VAL KEEP ON GENERATE NEXT VALUES

CUR VAL - IT WILL HOLD WITH CURRENT VALUE IN THE MEMORY

create the mapping



dit Transformations

Transformation | Ports | Properties | Metadata Extensions |

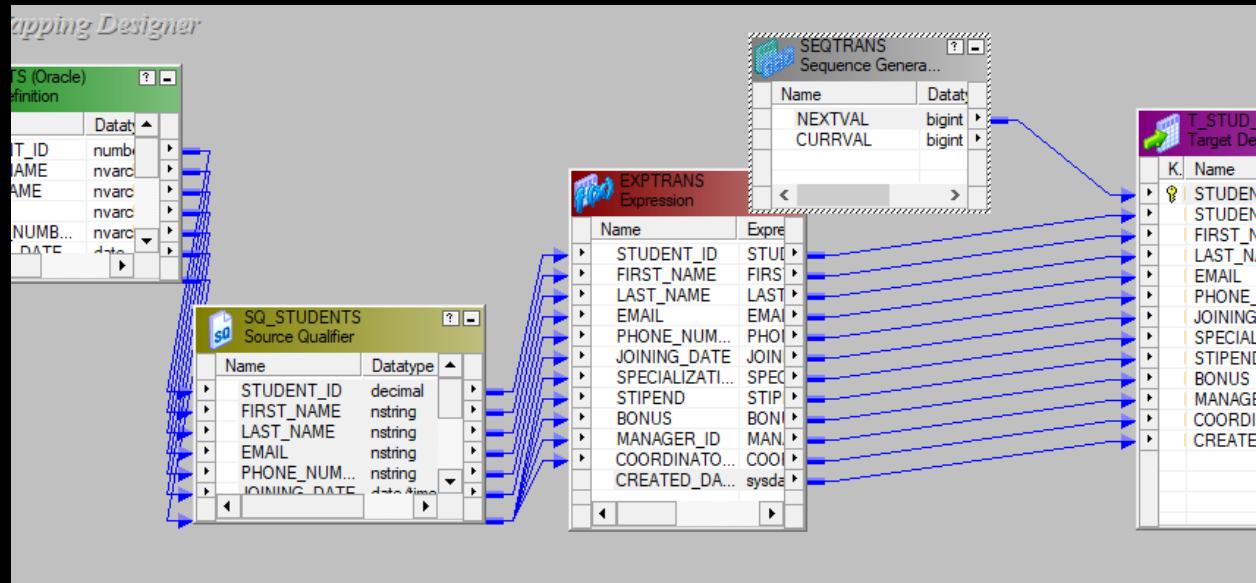
Select transformation: f8 EXTRANS

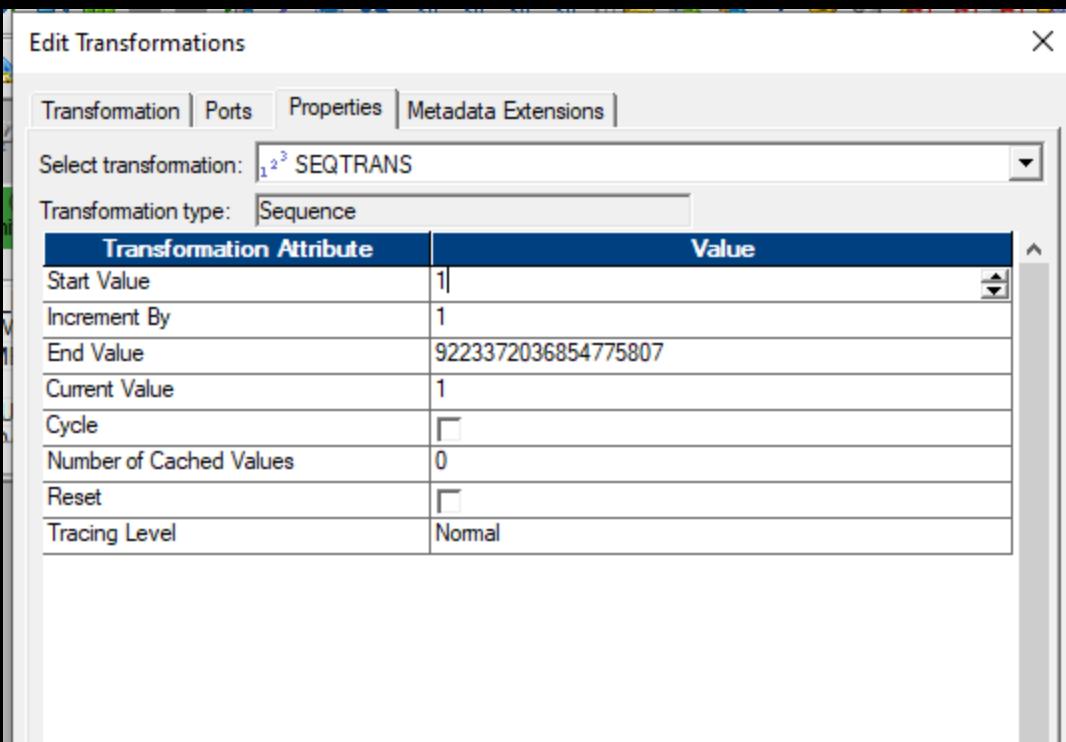
Transformation type: Expression

	Port Name	Datatype	Prec	Sc...	I	O	V	Expression
1	STUDENT_ID	decimal	6	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	STUDENT_ID
2	FIRST_NAME	nstring	20	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	FIRST_NAME
3	LAST_NAME	nstring	25	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	LAST_NAME
4	EMAIL	nstring	25	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EMAIL
5	PHONE_NUMBER	nstring	20	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PHONE_NUMBER
6	JOINING_DATE	date/time	29	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	JOINING_DATE
7	SPECIALIZATION	nstring	20	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SPECIALIZATION
8	STIPEND	decimal	10	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	STIPEND
9	BONUS	decimal	10	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	BONUS
10	MANAGER_ID	decimal	6	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MANAGER_ID
11	COORDINATOR_ID	decimal	10	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	COORDINATOR_ID
12	CREATED_DATE	date/time	29	9	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	sysdate

Default value:

Description:





Task Details

General Properties Config Object Mapping Components Metadata Extensions

Select task: s_M_SEQ_GEN

Task type: Session

Start Page
Connections
Memory Properties
Files, Directories and Com
Sources
Targets
Transformations

SQ STUDENTS
T_STUD_PK_HIST
EXPTTRANS
SEQTRANS

M_SEQ_GEN.T_STUD_PK_HIST

Writers

Instance	Writers
T_STUD_PK_HIST	Relational Writer

Connections

Type	Value	Connections
Relational	ORACLE_TGT	DB Connection

Properties

Show Session Level Properties

Attribute	Value
T_STUD_PK_HIST - Relational Writer	Target load type: Normal
Insert	<input checked="" type="checkbox"/>
Update as Update	<input checked="" type="checkbox"/>

Target load type

```
SELECT * FROM T_STUD_PK_HIST;  
  
TRUNCATE TABLE T_STUD_PK_HIST;
```

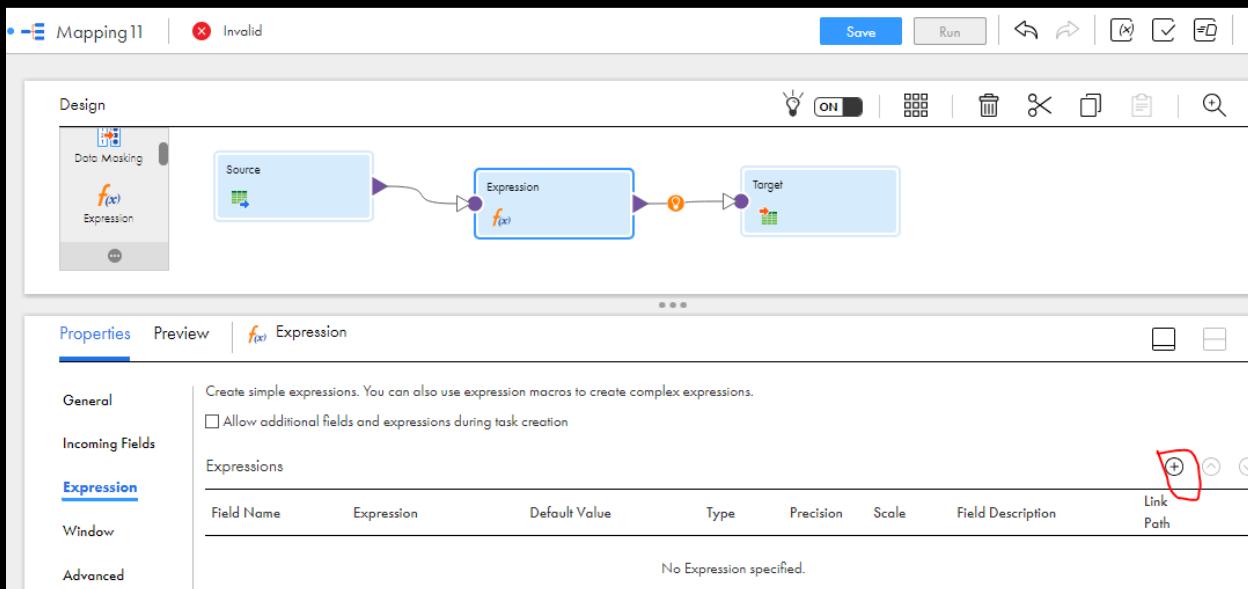
Script Output x | Query Result x

SQL | All Rows Fetched: 125 in 0.035 seconds

	STUDENT_SEQ	STUDENT_ID	FIRST_NAME	LAST_NAME	EMAIL
1	1	219	Kelly	Chung	KCHUNG
2	2	220	Jennifer	Dilly	JDILLY
3	3	221	Timothy	Gates	TGATES
4	4	217	Alana	Walsh	AWALSH
5	5	218	Kevin	Feeaney	KFEENEY
6	6	200	NARESH	KUMAR	naresh@GM
7	7	100	NARESH	KUMAR	SKING
8	8	101	HEMANTH	KUMAR	NKOCHHAR
9	9	102	ABHI	MANYU	LDEHAAN
10	10	103	PAVAN	KUMAR	AHUNOLD
11	11	104	Bruce	Ernst	BERNST
12	12	105	David	Austin	DAUSTIN
13	13	106	Valli	Pataballa	VPATABAL
14	14	107	Diana	Tomato	DIOPENTZ

Now start in IICS

CONNECT SOURCE & GIVE STUDENT TABLE FROM SNOWFLAKE ADD EXPRESSION TRANSFORMATION



ADD A FIELD AS ABOVE & GIVE CONDITION AS BELOW

New Field

Create new output field, variable field, input macro field or output macro field.

Field Type:	Output Field
Name:*	<u>o_CREATED_DATE</u>
Type:*	<u>date/time</u>
Precision:	29
Scale:	9
Default Value:	ERROR('transformation error')
Description:	

① OK Cancel

CLICK ON THIS CREATED DATE & OPEN

Incoming Fields	Expressions						
Expression	Field Name	Expression	Default Value	Type	Precision	Scale	Field Description
Window	o_CREATED_DATE	Configure...	ERROR('transformation err...')	date/time	29	9	
Advanced							

HERE YOU CAN MAKE SYSDATE

Configure the expression by adding fields, functions, and variables. Use Ctrl + Space to see a list of autocomplete options.

Expression: Not Parameterized

The expression is valid.

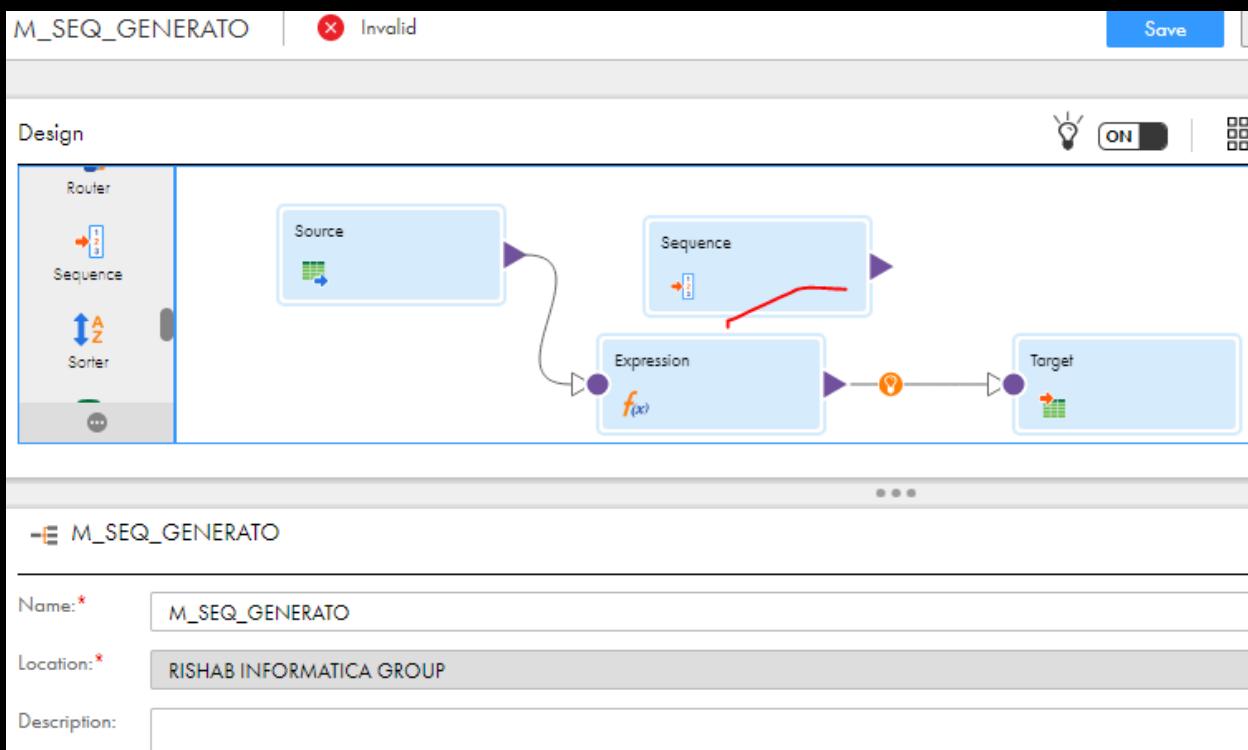
Fields Expression Validate

```
STUDENT_ID
FIRST_NAME
LAST_NAME
EMAIL
PHONE_NUMBER
JOINING_DATE
SPECIALIZATION
```

1 sysdate

Select a field to see detailed information about it.

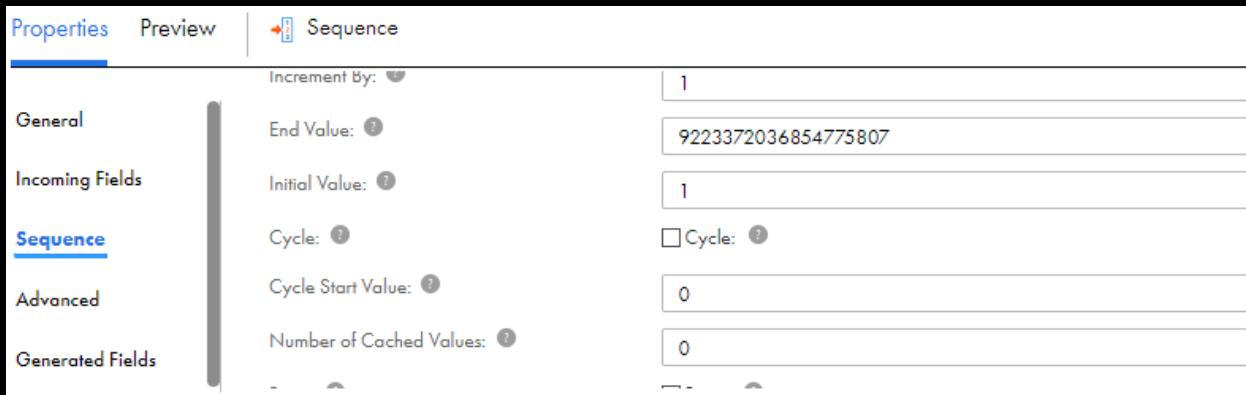
**NOW ADD SEQ GENERATOR & OPEN IT
CYCLE OPTION DON'T GIVE SINCE INCREMANTAL LOAD**



CYCLE OPTION DON'T GIVE SINCE INCREMANTAL LOAD

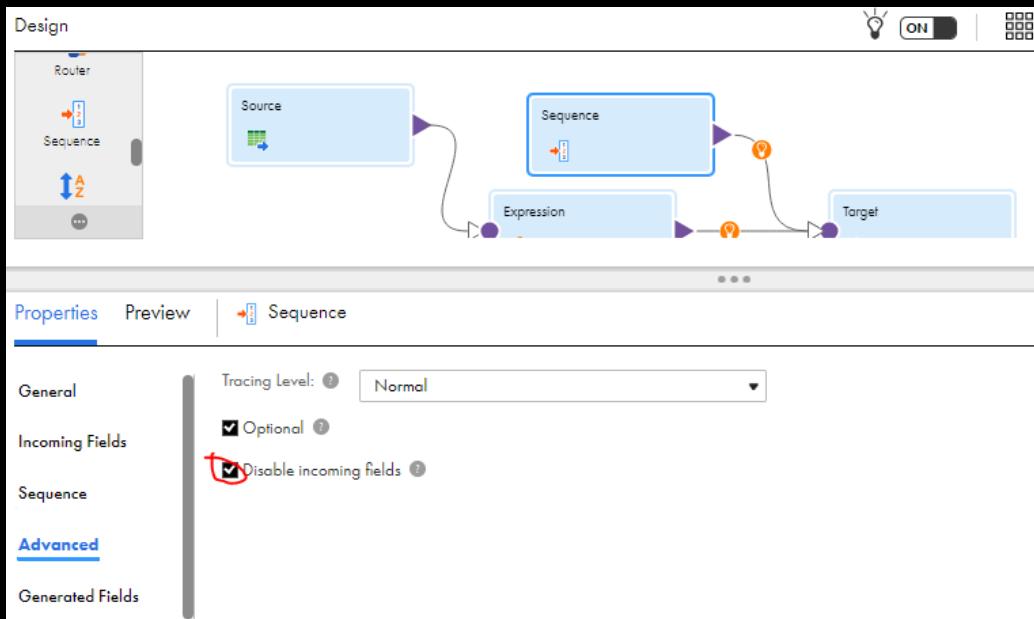
START VAL 1 , INC VAL 1 , END VALUE THIS 19 NO.S

CYCLE :

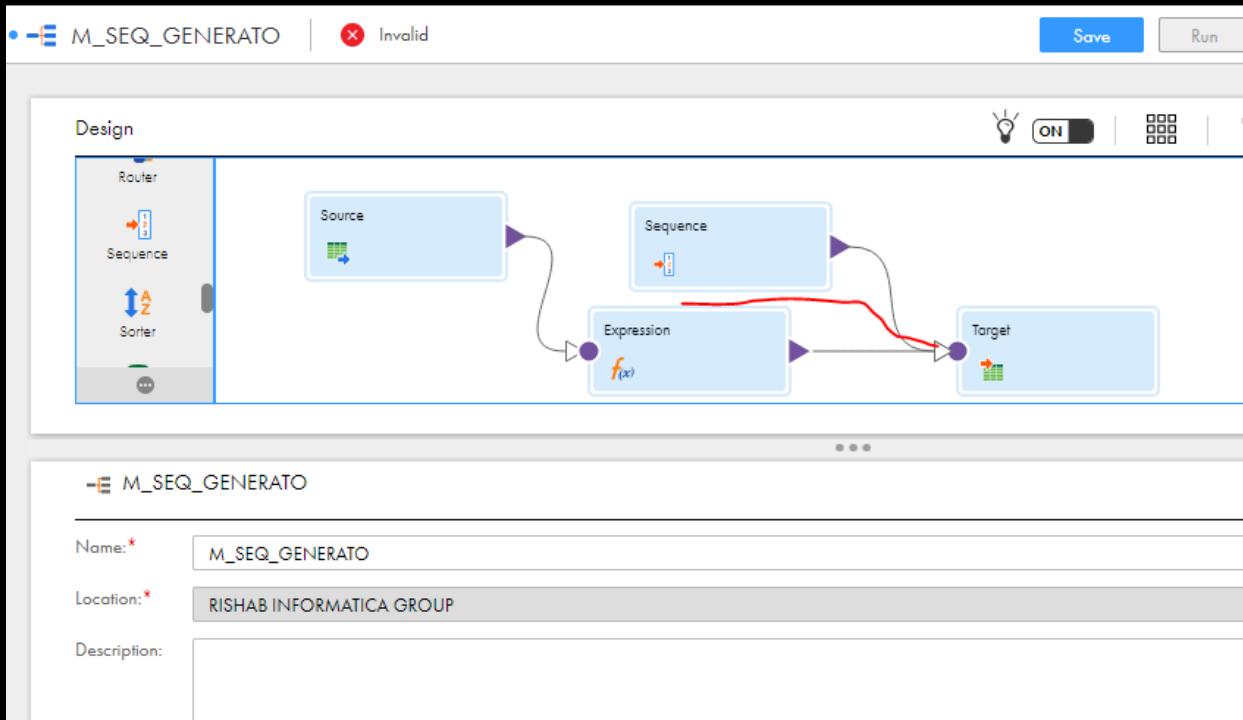


IF YOU GO TO THIS ADAVNCED

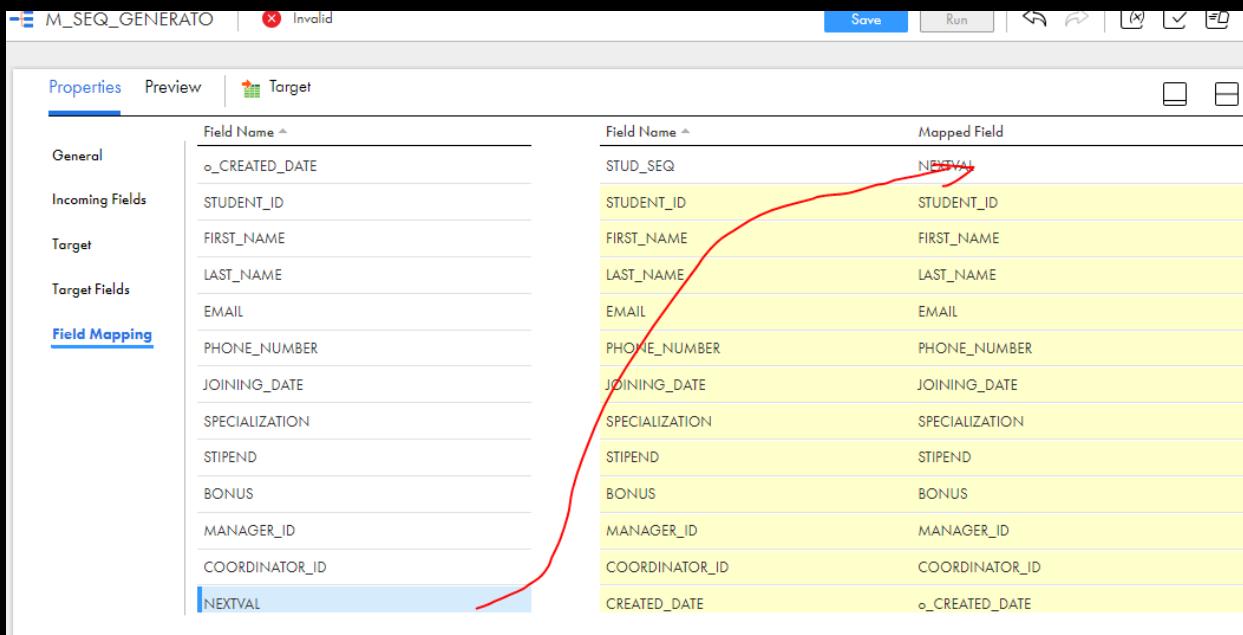
**IF YOU GIVE THIS DISABLE INCOMING FIELDS IT WILL GET
DISABLE INCOMING FIELDS**



NOPW YOU CONNECT SEQ GENERATOR TO TARGET



NOW GO TO TARGET & GIVE CONNECTION TO SNOWFLAKE TARGET



CONNECT THIS NEXT VAL > STUD_SEQ AS ABOVE

WHAT IS NEXT VALE , IT KEEP ON GENERATE NEXT VALUES

CREATE A MAPPING TASK

New Asset

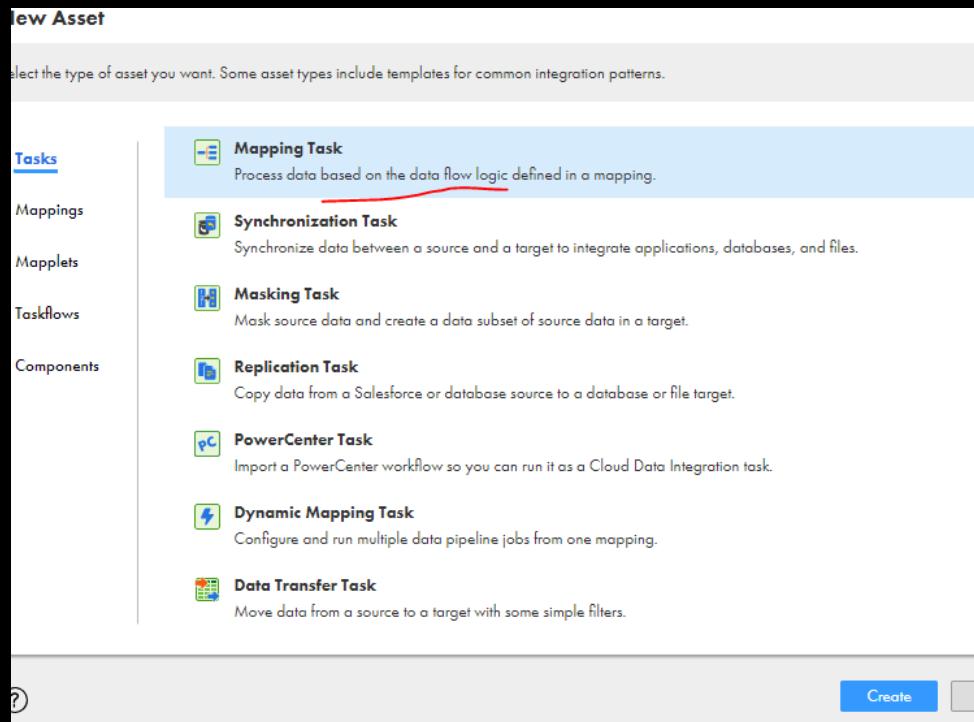
Select the type of asset you want. Some asset types include templates for common integration patterns.

Tasks

- Mapping Task**
Process data based on the data flow logic defined in a mapping.
- Synchronization Task**
Synchronize data between a source and a target to integrate applications, databases, and files.
- Masking Task**
Mask source data and create a data subset of source data in a target.
- Replication Task**
Copy data from a Salesforce or database source to a database or file target.
- PowerCenter Task**
Import a PowerCenter workflow so you can run it as a Cloud Data Integration task.
- Dynamic Mapping Task**
Configure and run multiple data pipeline jobs from one mapping.
- Data Transfer Task**
Move data from a source to a target with some simple filters.

?

Create



New MappingTask_SEQ_GEN

1 Definition **2 Schedule**

Task Details

Task Name: * MappingTask_SEQ_GEN

Location: * RISHAB INFORMATICA GROUP Browse

Description:

Runtime Environment: * RISHAB-INFORMATICA-GROUP5 ?

Mapping: * Select...

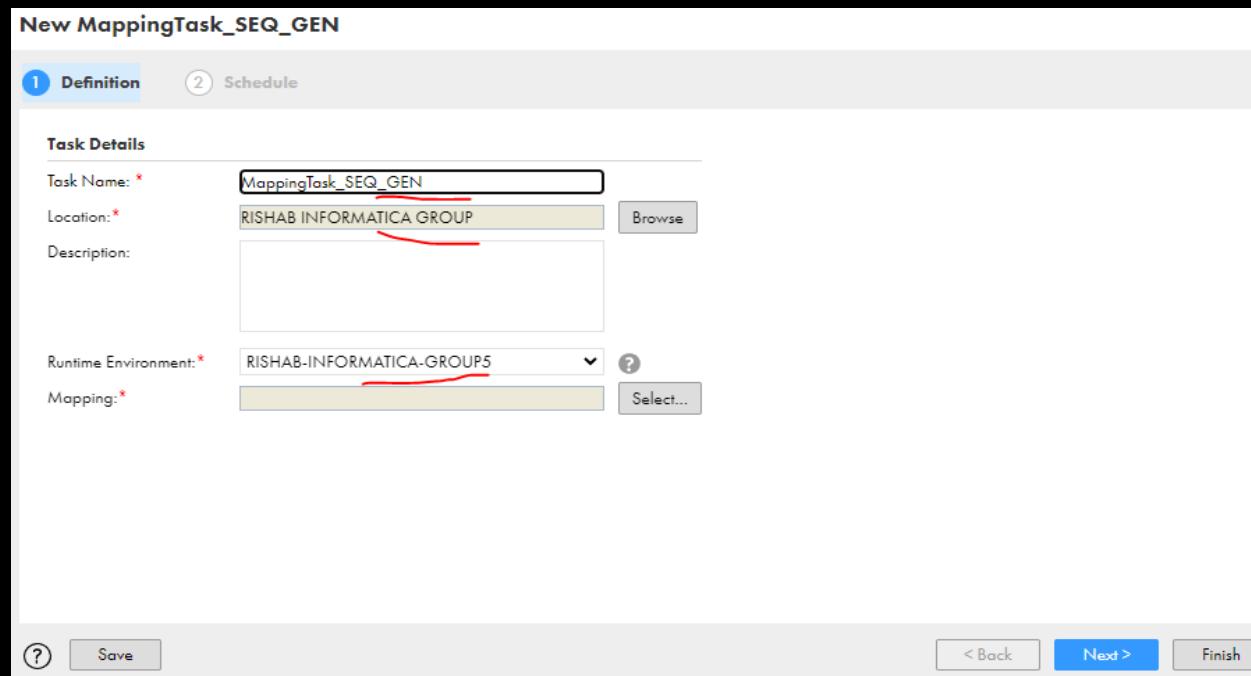
?

Save

< Back

Next >

Finish



New MappingTask_SEQ_GEN

1 Definition 2 Sequences 3 Schedule

Task Details

Task Name: * **MappingTask_SEQ_GEN**

Location: * RISHAB INFORMATICA GROUP

Description:

Runtime Environment: * RISHAB-INFORMATICA-GROUPS

Mapping: * M_SEQ_GENERATO

Mapping Image: M_SEQ_GENERATO

(?) < Back

HERE THE SEQ IS ONE AS BELOW , NEXT

New MappingTask_SEQ_GEN

1 Definition 2 Sequences 3 Schedule

Sequences

Sequences

Action	Name	Current Value	Initial Value
	Sequence	1	1

(?) < Back

Integration ▾ RISHAB INFORMATICA GROUP, IICS COMBO ▾

MappingTask_SEQ_GEN

[Edit](#) [Run](#)

Task Details

Task Name:	MappingTask_SEQ_GEN
Location:	RISHAB INFORMATICA GROUP
Description:	
Runtime Environment:	RISHAB-INFORMATICA-GROUP5
Created On:	Aug 20, 2023 4:02:21 AM
Updated On:	Aug 20, 2023 4:02:21 AM
Created By:	harikrishnanaeluv@gmail.com
Updated By:	harikrishnanaeluv@gmail.com
Last Run:	

Task Mapping

Name:	M_SEQ_GENERATO
Location:	RISHAB INFORMATICA GROUP
Updated Date:	Aug 20, 2023 3:49:47 AM

My Jobs Data Integration

Jobs (1 of 130) ✓ Up to date Updated 4:06:32 AM PDT ↻ ↓↑ ✖ Find

Asset Name: MappingTask_SEQ_G... ▼ X [Add Field](#) ▼

Instance Name	Location	Subtasks	Start Time ▼	End Time	Rows Processed	Status
MappingTask_SEQ_GEN-1	RISHAB INFORM...		Aug 20, 2023, 4:03 AM	Aug 20, 2023, 4:...	12	✓ Success

STUD_SEQ	STUDENT_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER
1	100	NARESH	KUMAR	NARESH@GMAIL.COM	944.800.5271
2	101	HEMANTH	KUMAR	HEMANTH@GMAIL.COM	944.800.5275
3	102	ABHI	MANYU	ABHI@GMAIL.COM	944.800.5272
4	103	PAVAN	KUMAR	PAVAN@GMAIL.COM	944.800.5276
5	104	SURENDRA	KUMAR	SURENDRA@GMAIL.COM	944.800.5270
6	105	SURENDRA	KUMAR	SURENDRA@GMAIL.COM	944.800.5277
7	106	VIJAY	KUMAR	VIJAY@GMAIL.COM	944.800.5268
8	107	VENKATESH	SWAMY	VENAKTESH@GMAIL.COM	995.623.5825
9	108	PAVAN	KUMAR	PAVAN@GMAIL.COM	995.623.5826
10	109	JANAKI	DEVI	JANAKIGMAIL.COM	995.623.5827
11	204	Surendra	kumar	surendra@GMAIL.COM	944.800.5251
12	205	Pradeep	kumar	surendra@GMAIL.COM	944.800.5251

MappingTask_SEQ_GEN-2

[Restart](#) [Ref](#)

Job Properties		Results	
Task Name:	MappingTask_SEQ_GEN	Status:	Success
Instance ID:	2	Success Rows:	12
Task Type:	Mapping Task	Errors:	0
Started By:	harikrishnaeelu.v@gmail.com through UI	Session Log:	Download Session Log
Start Time:	Aug 20, 2023 4:51:49 AM		
End Time:	Aug 20, 2023 4:54:12 AM		
Duration:	2 minutes, 23 seconds		
Runtime Environment:	RISHAB-INFORMATICA-GROUP5		
Secure Agent:	RISHAB-INFORMATICA-GROUP5		

Individual Source/Target Results

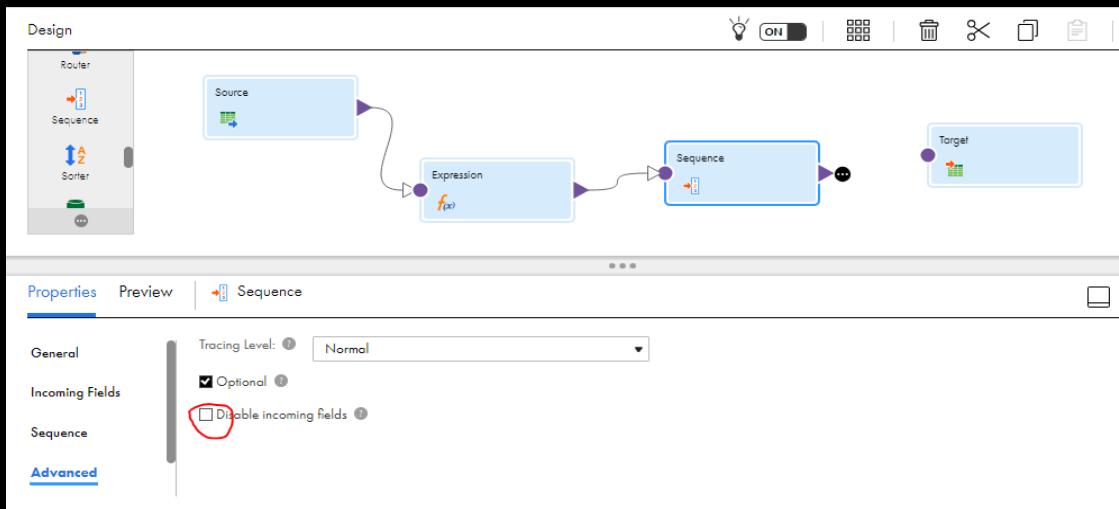
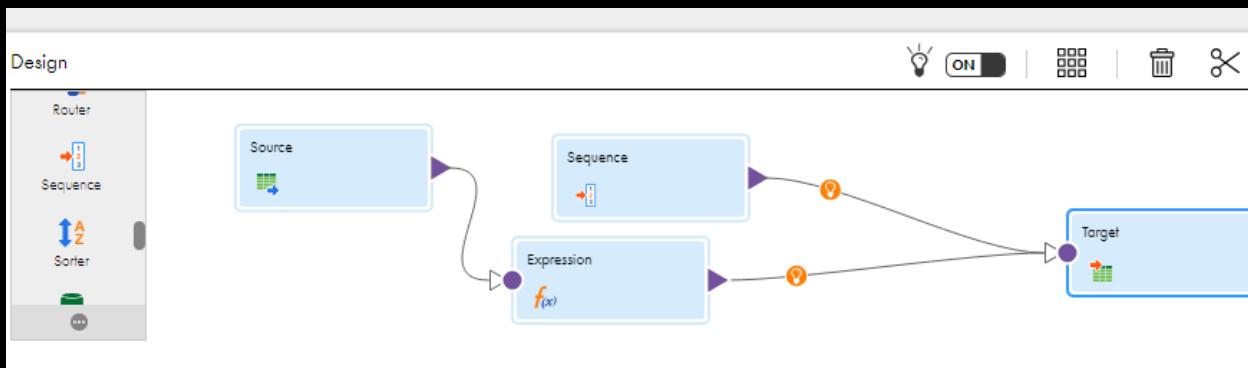
Name	Success Rows	Errors	Error Message	Action
Source	12	0		
Target (T_STUD_PK_HIST2)	12	0		

Jobs (2 of 131) Updated 4:56:49 AM PDT [↻](#) [↑↓](#) [Filter](#) [Find](#)

Asset Name: MappingTask_SEQ_G... [Add Field](#)

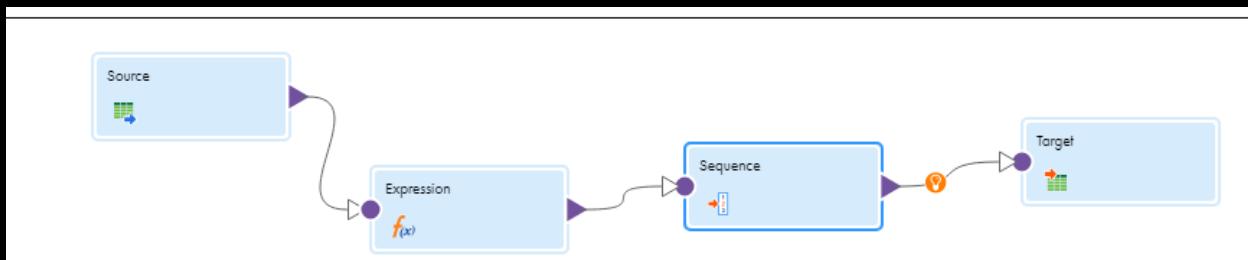
Instance Name	Location	Subtasks	Start Time	End Time	Rows Processed	Status
MappingTask_SEQ_GEN-2	RISHAB INFORM...		Aug 20, 2023, 4:51 AM	Aug 20, 2023, 4:54:12 AM	12	Success
MappingTask_SEQ_GEN-1	RISHAB INFORM...		Aug 20, 2023, 4:03 AM	Aug 20, 2023, 4:03 AM	12	Success

STUD_SEQ	...	STUDENT_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	JOINING_DATE
17		104	SURENDRA	KUMAR	SURENDRA@GMAIL.COM	944.800.5270	1991-03-01
18		105	SURENDRA	KUMAR	SURENDRA@GMAIL.COM	944.800.5277	1995-03-01
19		106	VIJAY	KUMAR	VIJAY@GMAIL.COM	944.800.5268	1990-03-01
20		107	VENKATESH	SWAMY	VENAKTESH@GMAIL.COM	995.623.5825	1989-02-01
21		108	PAVAN	KUMAR	PAVAN@GMAIL.COM	995.623.5826	1990-02-01
22		109	JANAKI	DEVI	JANAKIGMAIL.COM	995.623.5827	1998-02-01
23		204	Surendra	kumar	surendra@GMAIL.COM	944.800.5251	2004-03-01
24		205	Pradeep	kumar	surendra@GMAIL.COM	944.800.5251	2004-03-01



THAN YOU CONNECT EXP > SEQ > TARGET AS BELOW

THAN SAVE



GO TO MAPPING TASK & EDIT

MappingTask_SEQ_GEN

Edit

Task Details

- Task Name: MappingTask_SEQ_GEN
- Location: RISHAB INFORMATICA GROUP
- Description:
- Runtime Environment: RISHAB-INFORMATICA-GROUPS
- Created On: Aug 20, 2023 4:02:21 AM
- Updated On: Aug 20, 2023 5:03:36 AM
- Created By: harikrishnanaeliu@gmail.com
- Updated By: harikrishnanaeliu.v@gmail.com
- Last Run: Aug 20, 2023 4:51:49 AM

Task Mapping

- Name: M_SEQ_GENERATO
- Location: RISHAB INFORMATICA GROUP
- Updated Date: Aug 20, 2023 5:03:33 AM

Temporary View NO

Temporary Sequence NO

Mapping Image

```

graph LR
    Source[Source] --> Expression[Expression fx]
    Expression --> Sequence[Sequence]
    Sequence --> Target[Target]
    Sequence --> Loop(( ))
    
```

Input Parameters

Name	Type	Value

My Jobs | Data Integration

Jobs (3 of 132) Up to date Updated 5:07:22 AM PDT

Asset Name: MappingTask_SEQ_G...	<input type="button" value="X"/>	<input type="button" value="Add Field"/>				
Instance Name	Location	SubTasks	Start Time	End Time	Rows Processed	Status
MappingTask_SEQ_GEN-3	RISHAB INFORM...		Aug 20, 2023, 5:05 AM	Aug 20, 2023, 5:...	12	<input checked="" type="checkbox"/> Success
MappingTask_SEQ_GEN-2	RISHAB INFORM...		Aug 20, 2023, 4:51 AM	Aug 20, 2023, 4:...	12	<input checked="" type="checkbox"/> Success
MappingTask_SEQ_GEN-1	RISHAB INFORM...		Aug 20, 2023, 4:03 AM	Aug 20, 2023, 4:...	12	<input checked="" type="checkbox"/> Success

30	105	SURENDRA	KUMAR	SURENDRA@GMAIL.COM	944.800.5277	1995-03-02	IICSCOMBO
31	106	VIJAY	KUMAR	VIJAY@GMAIL.COM	944.800.5268	1990-03-02	IICSCOMBO
32	107	VENKATESH	SWAMY	VENAKTESH@GMAIL.COM	995.623.5825	1989-02-03	TALEND
33	108	PAVAN	KUMAR	PAVAN@GMAIL.COM	995.623.5826	1990-02-03	TALEND
34	109	JANAKI	DEVI	JANAKIGMAIL.COM	995.623.5827	1998-02-03	IICS
35	204	Surendra	kumar	surendra@GMAIL.COM	944.800.5251	2004-03-02	IICSCOMBO
36	205	Pradep	kumar	surendra@GMAIL.COM	944.800.5251	2004-03-02	IICS

100	1
101	2
102	3
103	4
104	1
105	2
106	3
107	4
108	1
109	2
110	3
111	4
112	1
113	2

Above is every 4th record

You can make every 5rd record

200 1

201 2

203 3

204 4

205 5

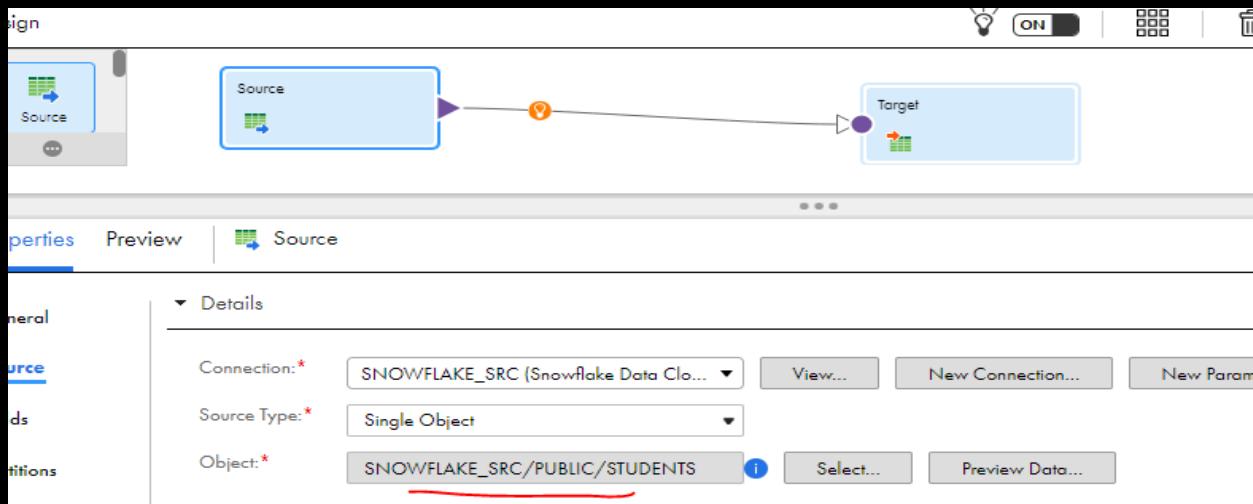
206 1

207 2

208 3

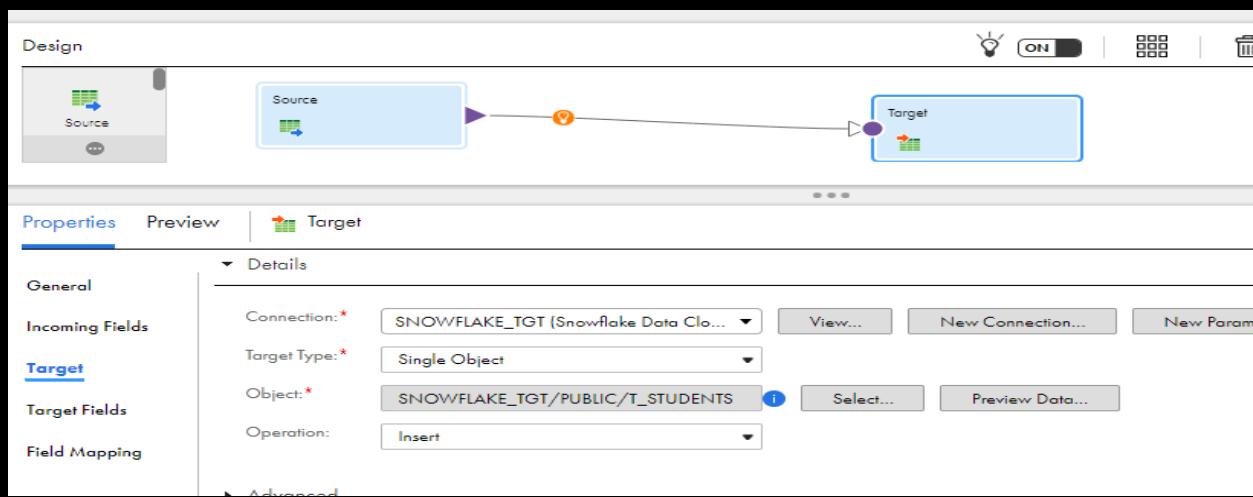
How to do that

Create a mapping

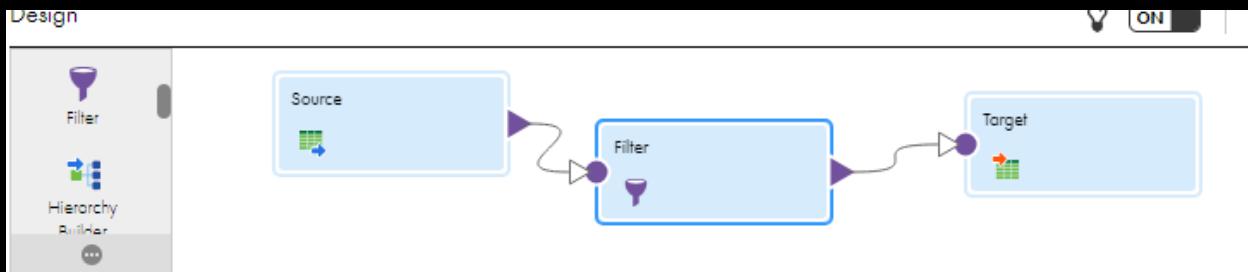


Connect target to snowflake

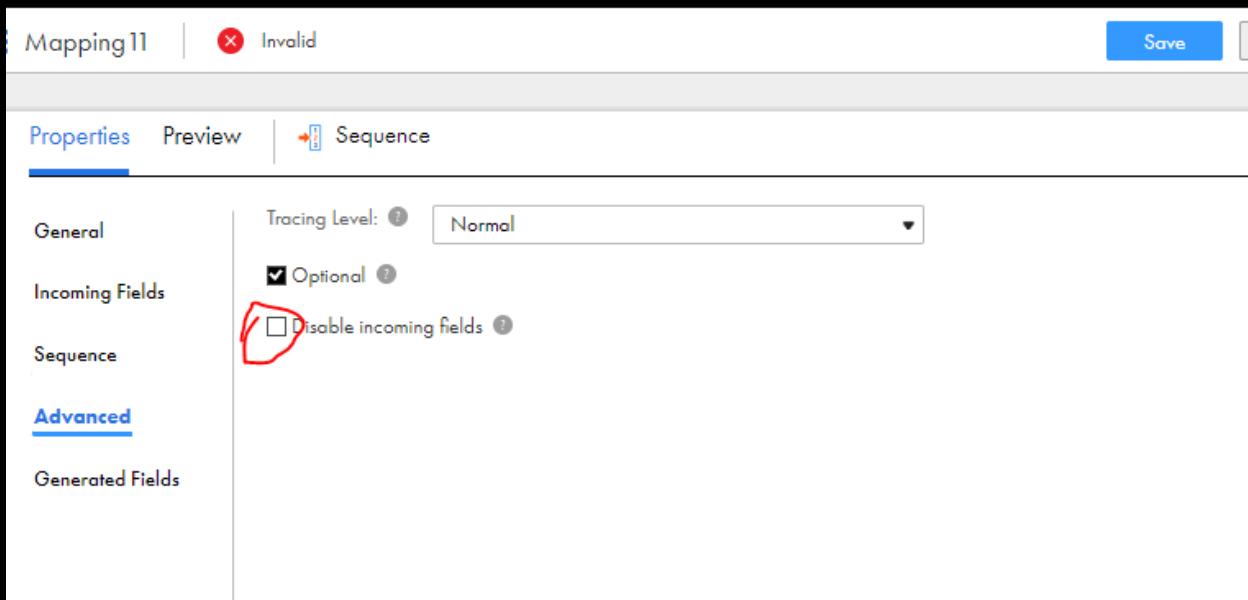
T_student



Than place a filter



Now you add a seq generator , go to adavnced disable incoming fields



Go to sequence & here make it start value 1

Inc value by 1

End value by 5

Than Cycle enable the cycle , cycle start value :1

Than why reset , if suppose last time closed with 3rd record , again it will start from 1st record ,so that is what reset option

1 to 5 , 1 to 5 it will load like that

200 1

201 2

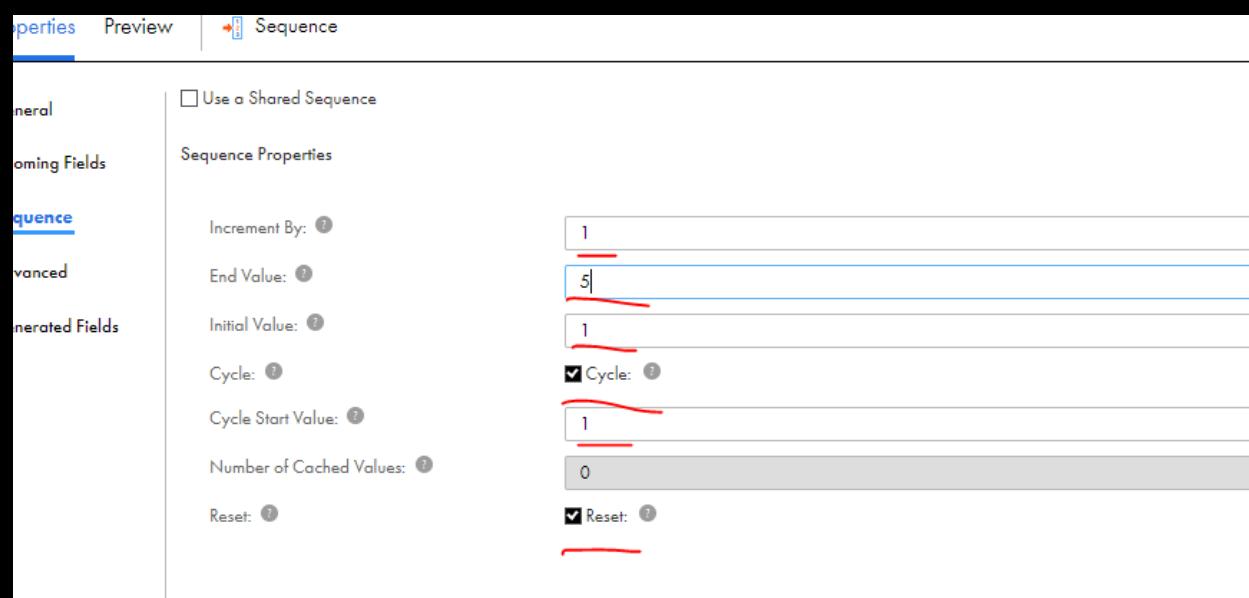
203 3

204 4

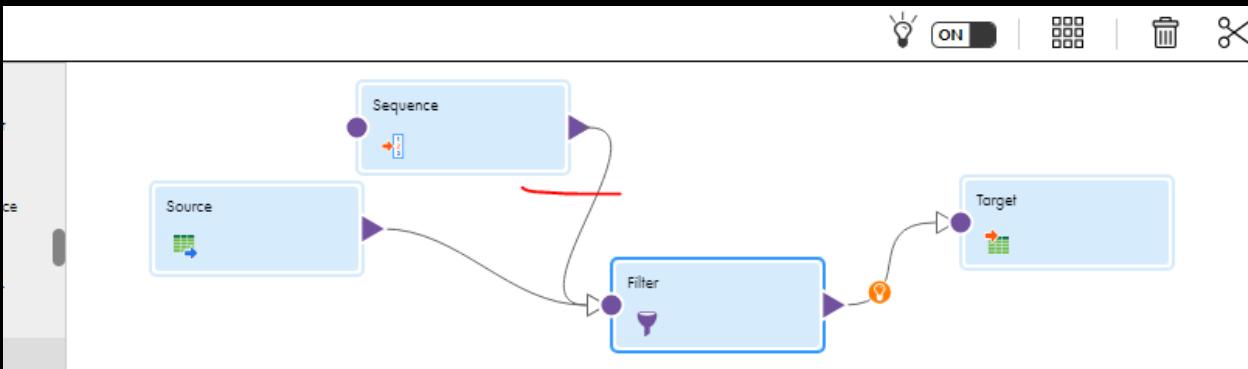
205 5

206 1

207 2



Than connect seq generator



Properties Preview | **Filter**

Filter Condition: Simple

Field Name	Operator	Value
No filter condition specified.		

General
Incoming Fields
Filter
Advanced

A red circle highlights the '+' button at the bottom right of the filter conditions table.

The interface shows the same basic flow: Source → Filter → Target. The 'Filter' component now has a red underline underneath it. The 'Filter Conditions' table is populated with one row:

Field Name	Operator	Value
NEXTVAL (bigint)	=	5

A red underline also highlights the 'Value' column of the table. The top bar includes icons for a lightbulb (ON), a grid, a trash can, and a scissor-like edit icon.

Mapping 11 | X Invalid

Properties Preview Target

General	STUDENT_ID	STUDENT_ID
Incoming Fields	FIRST_NAME	FIRST_NAME
	LAST_NAME	LAST_NAME
Target	EMAIL	EMAIL
Target Fields	PHONE_NUMBER	PHONE_NUMBER
Field Mapping	JOINING_DATE	JOINING_DATE
	SPECIALIZATION	SPECIALIZATION
	STIPEND	STIPEND
	BONUS	BONUS
	MANAGER_ID	MANAGER_ID
	COORDINATOR_ID	COORDINATOR_ID
	NEXTVAL	
	CURRVAL	

Jobs (22 of 133) ✓ Up to date Updated 6:17:16 AM PDT ↻ ↓↑ 🔍 Find

Asset Name: Mapping 11	Add Field					
Instance Name	Location	Subtasks	Start Time ▾	End Time	Rows Processed	Status
Mapping11-1	RISHAB INFORM...		Aug 20, 2023, 6:15 AM	Aug 20, 2023, 6...	2	✓ Success
Mapping11-23	Default		Aug 4, 2023, 6:29 AM	Aug 4, 2023, 6....	121	✓ Success
Mapping11-22	Default		Aug 4, 2023, 6:25 AM	Aug 4, 2023, 6...	121	✓ Success

```
9   truncate table T_STUD_PK_HIST2
0
```

Results ↗ Chart

STUDENT_ID	FIRST_NAME	LAST_NAME	EMAIL	...
104	SURENDRA	KUMAR	SURENDRA@GMAIL.COM	
109	JANAKI	DEVI	JANAKIGMAIL.COM	

