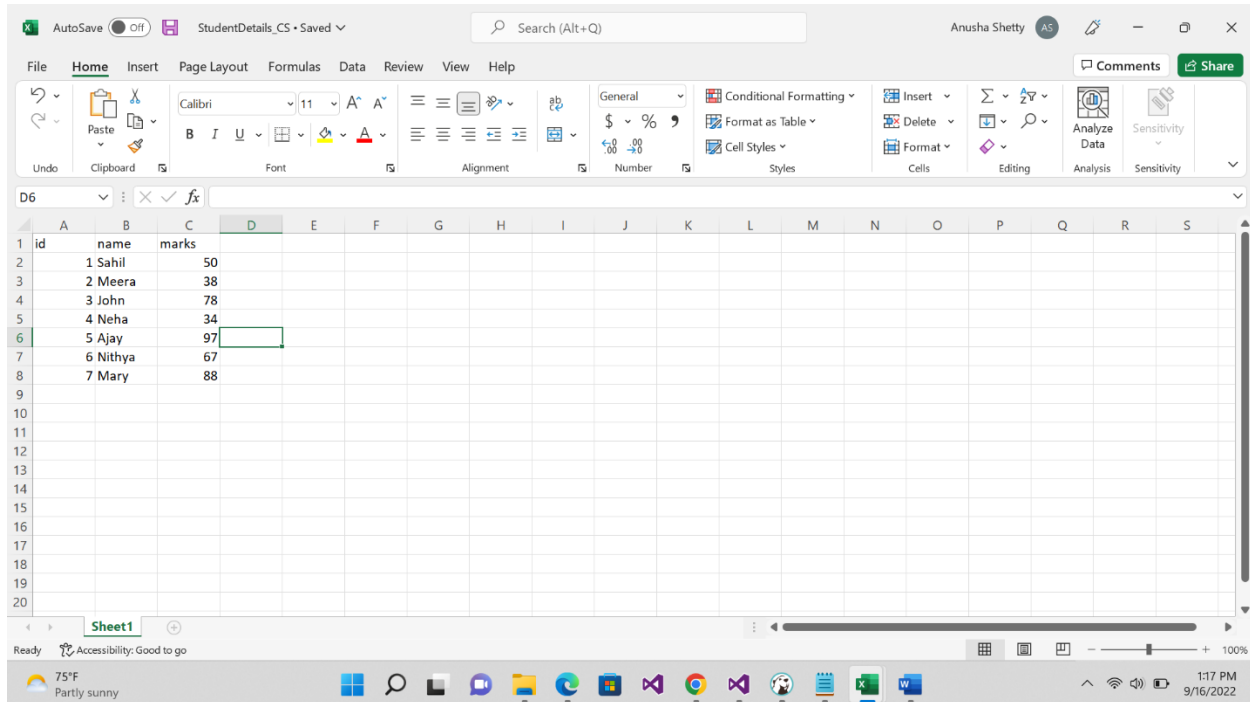


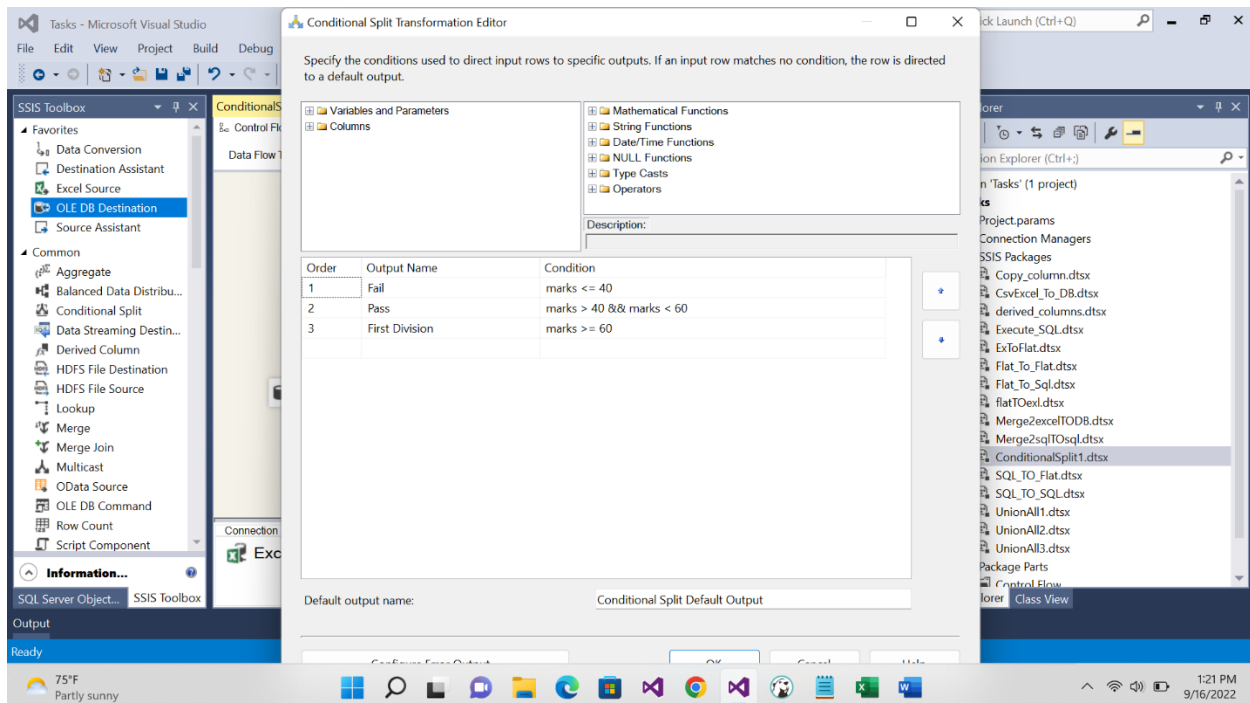
1) One source table Student Table: <40--Fail, >40--Pass, First Division>60

Three Destination Table: Student_Fail, Student_Pass, Student_FD:



The screenshot shows a Microsoft Excel spreadsheet with a table containing student information. The table has three columns: 'id', 'name', and 'marks'. The data is as follows:

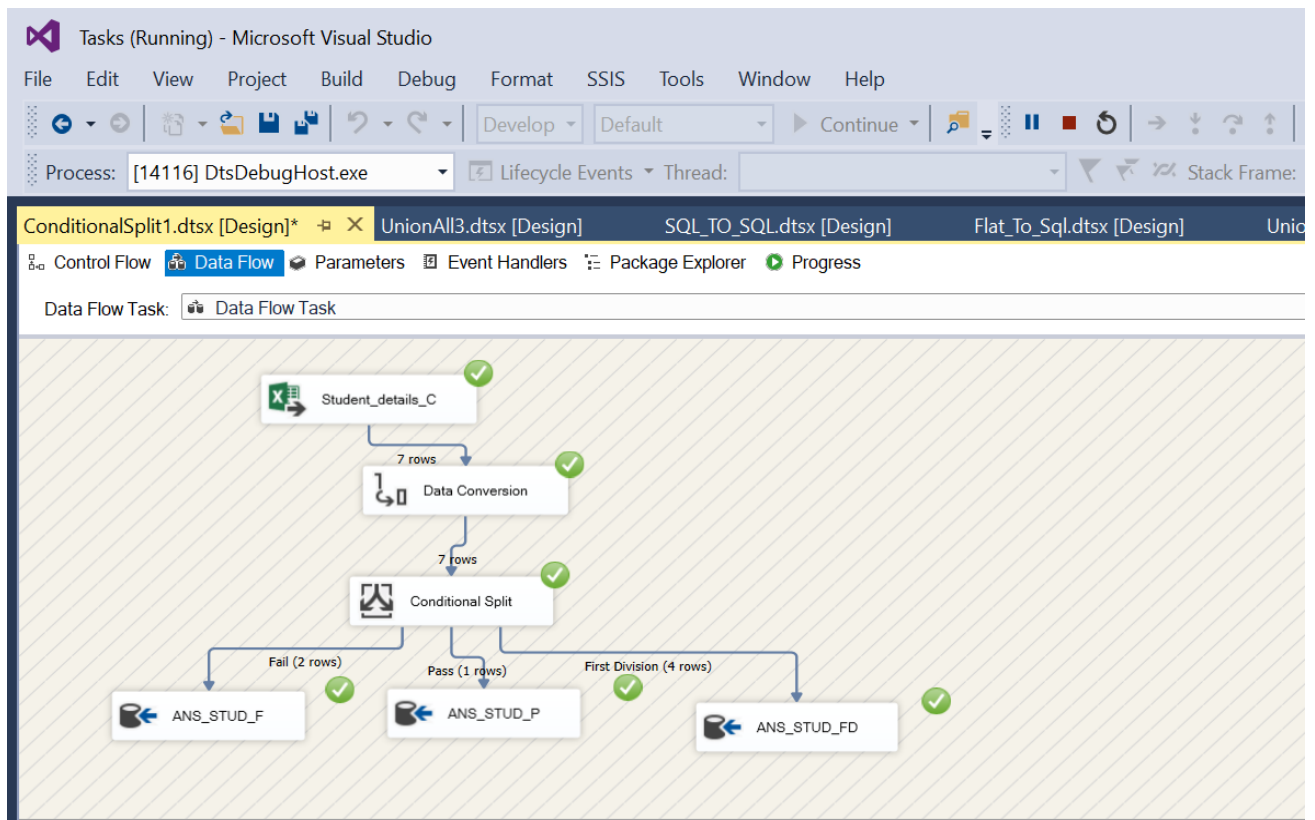
id	name	marks
1	Sahil	50
2	Meera	38
3	John	78
4	Neha	34
5	Ajay	97
6	Nithya	67
7	Mary	88



The screenshot shows the 'Conditional Split Transformation Editor' in SQL Server Data Tools. The editor is used to specify conditions for directing input rows to specific outputs. The conditions are as follows:

Order	Output Name	Condition
1	Fail	marks <= 40
2	Pass	marks > 40 & marks < 60
3	First Division	marks >= 60

The default output name is 'Conditional Split Default Output'.



Connection Managers

DBeaver 22.2.0 - <dlithe> Script-3

File Edit Navigate Search SQL Editor Database Window Help

Database Navigator

Enter a part of object name here

dlithe - rewasolution.database.window
oracle-88094-0.cloudclusters.net - orac

```
CREATE TABLE ANS_STUD_F
(
  ID INTEGER,
  NAME VARCHAR(50),
  MARKS INTEGER);

CREATE TABLE ANS_STUD_P
(
  ID INTEGER,
  NAME VARCHAR(50),
  MARKS INTEGER);

CREATE TABLE ANS_STUD_FD
(
  ID INTEGER,
  NAME VARCHAR(50),
  MARKS INTEGER);

SELECT * FROM ANS_STUD_P
```

Results 1 (2) Results 1 (3)

SELECT * FROM ANS_STUD_P SELECT * FROM

ID	NAME	MARKS
1	Sahil	50

Save Cancel Script

IST en Writable Smart Insert 200 1 Rows: 1 4 row(s) fetched - 259ms, on 2022-09-16 at 13:18:31

237 : 1 : 4149 Set: 0 | 0

75°F Partly sunny 1:19 PM 9/16/2022

DBeaver 22.2.0 - <dlithe> Script-3

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto dlithe dbo@dlithe

Database Navigator

Enter a part of object name here

dlithe - rewansolution.database.windows

oracle-88094-0.cloudclusters.net - oracle

```
CREATE TABLE ANS_STUD_P
(
  ID INTEGER,
  NAME VARCHAR(50),
  MARKS INTEGER);

CREATE TABLE ANS_STUD_FD
(
  ID INTEGER,
  NAME VARCHAR(50),
  MARKS INTEGER);

SELECT * FROM ANS_STUD_F
SELECT * FROM ANS_STUD_FD D
```

Results 1 Results 1 (2) Results 1 (3)

SELECT * FROM ANS_STUD_P SELECT * FROM ANS_STUD_FD D Data filter is not supported

ID	NAME	MARKS
2	Meera	38
4	Neha	34

2 row(s) fetched

IST en Writable Smart Insert 239:1 [25] Set: 25 | 1

75°F Partly sunny

DBeaver 22.2.0 - <dlithe> Script-3

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto dlithe dbo@dlithe

Database Navigator

Enter a part of object name here

dlithe - rewansolution.database.windows

oracle-88094-0.cloudclusters.net - oracle

```
CREATE TABLE ANS_STUD_P
(
  ID INTEGER,
  NAME VARCHAR(50),
  MARKS INTEGER);

CREATE TABLE ANS_STUD_FD
(
  ID INTEGER,
  NAME VARCHAR(50),
  MARKS INTEGER);

SELECT * FROM ANS_STUD_F
SELECT * FROM ANS_STUD_FD D
```

Results 1 Results 1 (2) Results 1 (3)

SELECT * FROM ANS_STUD_P SELECT * FROM ANS_STUD_FD D Data filter is not supported

ID	NAME	MARKS
3	John	78
5	Ajay	97
6	Nithya	67
7	Mary	88

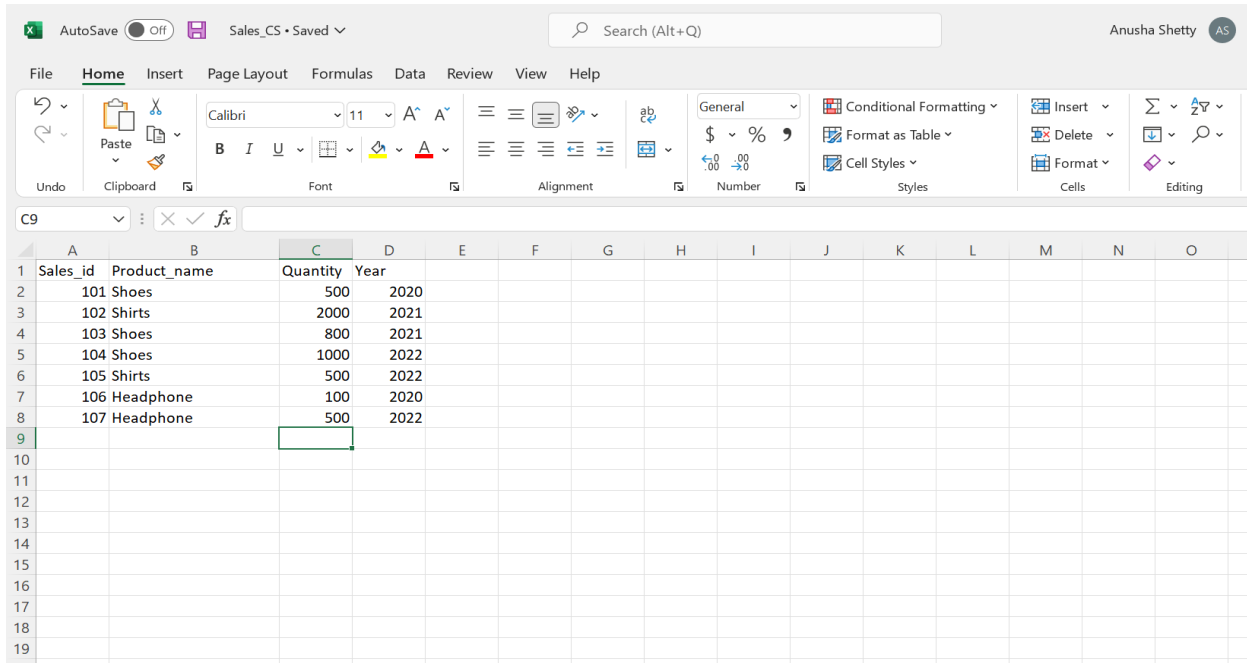
4 row(s) fetched

IST en Writable Smart Insert 240:1 [27] Set: 27 | 1

75°F Partly sunny

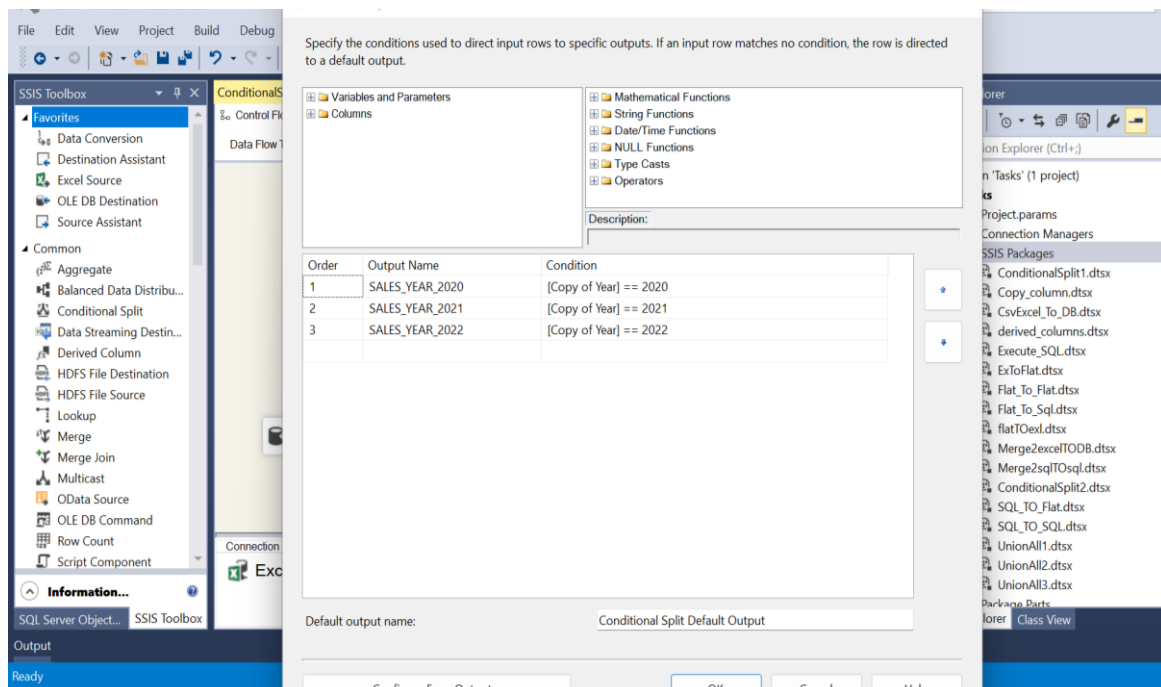
2) Sales that contain three years of data-2020,2021,2022

Sales_YR_2022,Sales_YR_2021,Sales_YR_2020



The screenshot shows the Microsoft Excel interface with the following data in the worksheet:

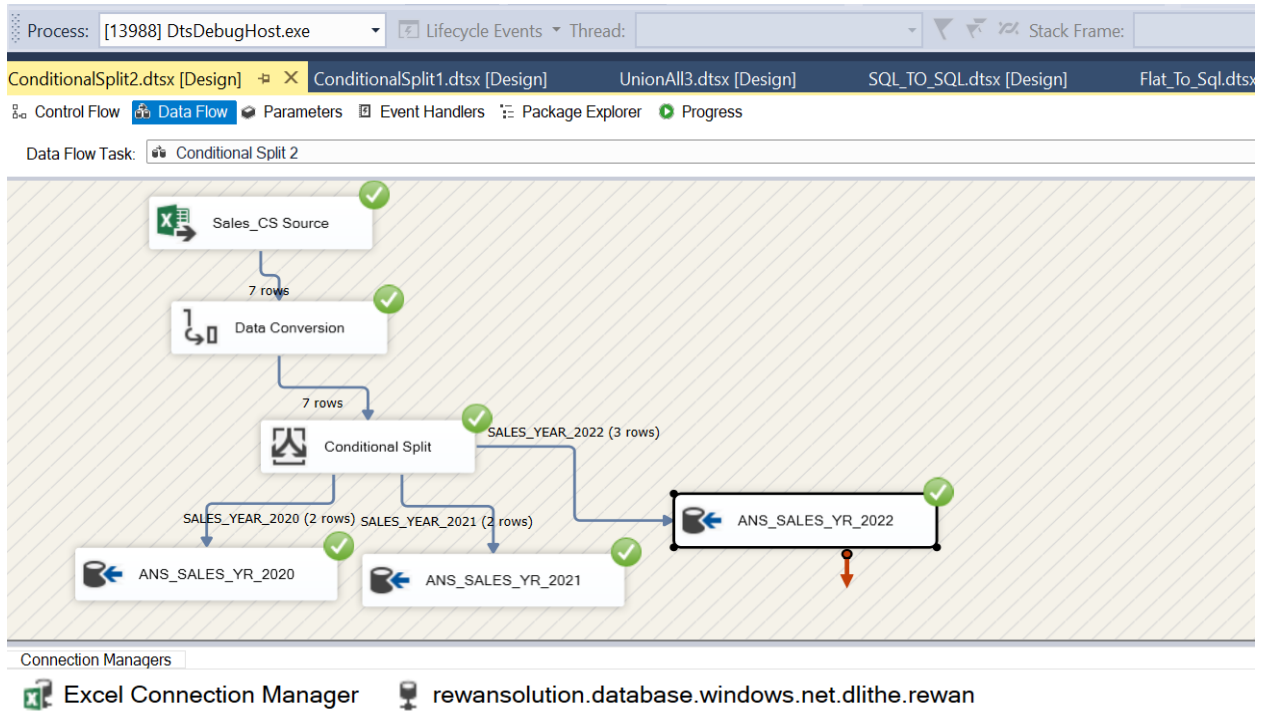
Sales_id	Product_name	Quantity	Year
101	Shoes	500	2020
102	Shirts	2000	2021
103	Shoes	800	2021
104	Shoes	1000	2022
105	Shirts	500	2022
106	Headphone	100	2020
107	Headphone	500	2022



The screenshot shows the SQL Server Data Tools (SSDT) interface with the 'Conditional Split' task configuration. The task is named 'Conditional Split' and is located in the 'Data Flow' task list. The configuration is as follows:

Order	Output Name	Condition
1	SALES_YEAR_2020	[Copy of Year] == 2020
2	SALES_YEAR_2021	[Copy of Year] == 2021
3	SALES_YEAR_2022	[Copy of Year] == 2022

The 'Default output name' is set to 'Conditional Split Default Output'.



Package execution completed with success. Click here to switch to design mode, or select Stop Debugging from the Debug menu.

DBeaver 22.2.0 - <dlithe> Script-3

File Edit Navigate Search SQL Editor Database Window Help

Database Navigator: ANI_STUDENT, ANS_COURSE, ANS_CUS, ANS_DEMO, ANS_DEPARTMENT, ANS_EMPLOYEE, ANS_HEALTH_RECC, ANS_LOCATION1, ANS_LOCATION2, ANS_LOCATION3, ANS_PRODUCT, ANS_PRODUCT_TA, ANS_STORE1, ANS_STUDENT, ANS_STUD_DETAIL, ANS_TARGET_EMP, AN_Employee, AP_DEMO4, AP_DEPARTMENT1, AP_DESTINATION1, AP_LOCATION1, AP_SOURCE, ASSIGN, ASS_dept, ASS_employee, ASS_employee1

SQL Editor: <dlithe> Script-1 <oracle-88094-0.cloudclusters.net> Script-2 <dlithe> Script-3 x dlithe dbo ANS_PRODUCT

```
CREATE TABLE ANS_SALES_YR_2020(
  SALES_ID INTEGER,
  PRODUCT_NAME VARCHAR(50),
  QUANTITY INTEGER,
  YEAR INTEGER);

CREATE TABLE ANS_SALES_YR_2021(
  SALES_ID INTEGER,
  PRODUCT_NAME VARCHAR(50),
  QUANTITY INTEGER,
  YEAR INTEGER);

CREATE TABLE ANS_SALES_YR_2022(
  SALES_ID INTEGER,
  PRODUCT_NAME VARCHAR(50),
  QUANTITY INTEGER,
  YEAR INTEGER);

SELECT * FROM ANS_SALES_YR_2021
```

Results 1 x

SALES_ID	PRODUCT_NAME	QUANTITY	YEAR
102	Shirts	2,000	2,021
103	Shoes	800	2,021

Rows: 1 2 row(s) fetched - 370ms, on 2022-09-16 at 14:23:06

IST en Writable Smart Insert 266 : 32 : 4632 Sel: 0 | 0

75°F Partly sunny 2:23 PM 9/16/2022

DBBeaver 22.2.0 - <dlithe> Script-3

File Edit Navigate Search SQL Editor Database Window Help

SQL | Commit | Rollback | Auto | dlithe | dbo@dlithe | <oracle-88094-0.cloudclusters.net> Script-2 | *dlithe> Script-3 | dlithe | dbo | ANS_PRODUCT

Database Navigator

Enter a part of object name here

- ANS_STUDENT
- ANS_COURSE
- ANS_CUS
- ANS_DEMO
- ANS_DEPARTMENT
- ANS_EMPLOYEE
- ANS_HEALTH_RECC
- ANS_LOCATION1
- ANS_LOCATION2
- ANS_LOCATION3
- ANS_PRODUCT
- ANS_PRODUCT_TA
- ANS_STORE1
- ANS_STUDENT
- ANS_STUD_DETAIL
- ANS_TARGET_EMP
- AN_Employee
- AP_DEMO4
- AP_DEPARTMENT1
- AP_DESTINATION
- AP_DESTINATION1
- AP_LOCATION1
- AP_SOURCE
- ASSIGN
- ASS_dept
- ASS_employee
- ASS_employee1

```
CREATE TABLE ANS_SALES_YR_2020(  
  SALES_ID INTEGER,  
  PRODUCT_NAME VARCHAR(50),  
  QUANTITY INTEGER,  
  YEAR INTEGER);  
  
CREATE TABLE ANS_SALES_YR_2021(  
  SALES_ID INTEGER,  
  PRODUCT_NAME VARCHAR(50),  
  QUANTITY INTEGER,  
  YEAR INTEGER);  
  
CREATE TABLE ANS_SALES_YR_2022(  
  SALES_ID INTEGER,  
  PRODUCT_NAME VARCHAR(50),  
  QUANTITY INTEGER,  
  YEAR INTEGER);
```

SELECT * FROM ANS_SALES_YR_2020

Results 1 x

SELECT * FROM ANS_SALES_YR_2020 Enter a SQL expression to filter results (use Ctrl+Space)

SALES_ID	PRODUCT_NAME	QUANTITY	YEAR
101	Shoes	500	2020
106	Headphone	100	2020

Save Cancel Script | IST | en | Writable | Smart Insert | 266 : 1 | 32 | Set: 32 | 1 | Rows: 1 | 2 row(s) fetched - 520ms, on 2022-09-16 at 14:22:13

75°F Partly sunny 2:23 PM 9/16/2022

DBBeaver 22.2.0 - <dlithe> Script-3

File Edit Navigate Search SQL Editor Database Window Help

SQL | Commit | Rollback | Auto | dlithe | dbo@dlithe | <oracle-88094-0.cloudclusters.net> Script-2 | *dlithe> Script-3 | dlithe | dbo | ANS_PRODUCT

Database Navigator

Enter a part of object name here

- ANS_STUDENT
- ANS_COURSE
- ANS_CUS
- ANS_DEMO
- ANS_DEPARTMENT
- ANS_EMPLOYEE
- ANS_HEALTH_RECC
- ANS_LOCATION1
- ANS_LOCATION2
- ANS_LOCATION3
- ANS_PRODUCT
- ANS_PRODUCT_TA
- ANS_STORE1
- ANS_STUDENT
- ANS_STUD_DETAIL
- ANS_TARGET_EMP
- AN_Employee
- AP_DEMO4
- AP_DEPARTMENT1
- AP_DESTINATION
- AP_DESTINATION1
- AP_LOCATION1
- AP_SOURCE
- ASSIGN
- ASS_dept
- ASS_employee
- ASS_employee1

```
CREATE TABLE ANS_SALES_YR_2020(  
  SALES_ID INTEGER,  
  PRODUCT_NAME VARCHAR(50),  
  QUANTITY INTEGER,  
  YEAR INTEGER);  
  
CREATE TABLE ANS_SALES_YR_2021(  
  SALES_ID INTEGER,  
  PRODUCT_NAME VARCHAR(50),  
  QUANTITY INTEGER,  
  YEAR INTEGER);  
  
CREATE TABLE ANS_SALES_YR_2022(  
  SALES_ID INTEGER,  
  PRODUCT_NAME VARCHAR(50),  
  QUANTITY INTEGER,  
  YEAR INTEGER);
```

SELECT * FROM ANS_SALES_YR_2022

Results 1 x

SELECT * FROM ANS_SALES_YR_2022 Enter a SQL expression to filter results (use Ctrl+Space)

SALES_ID	PRODUCT_NAME	QUANTITY	YEAR
104	Shoes	1,000	2,022
105	Shirts	500	2,022
107	Headphone	500	2,022

Save Cancel Script | IST | en | Writable | Smart Insert | 266 : 32 : 4632 | Set: 0 | 0 | Rows: 1 | 3 row(s) fetched - 357ms, on 2022-09-16 at 14:23:14

75°F Partly sunny 2:23 PM 9/16/2022