Sahil Khose

180953218

CCE-B (batch 4)

Roll no: 39

LAB-1
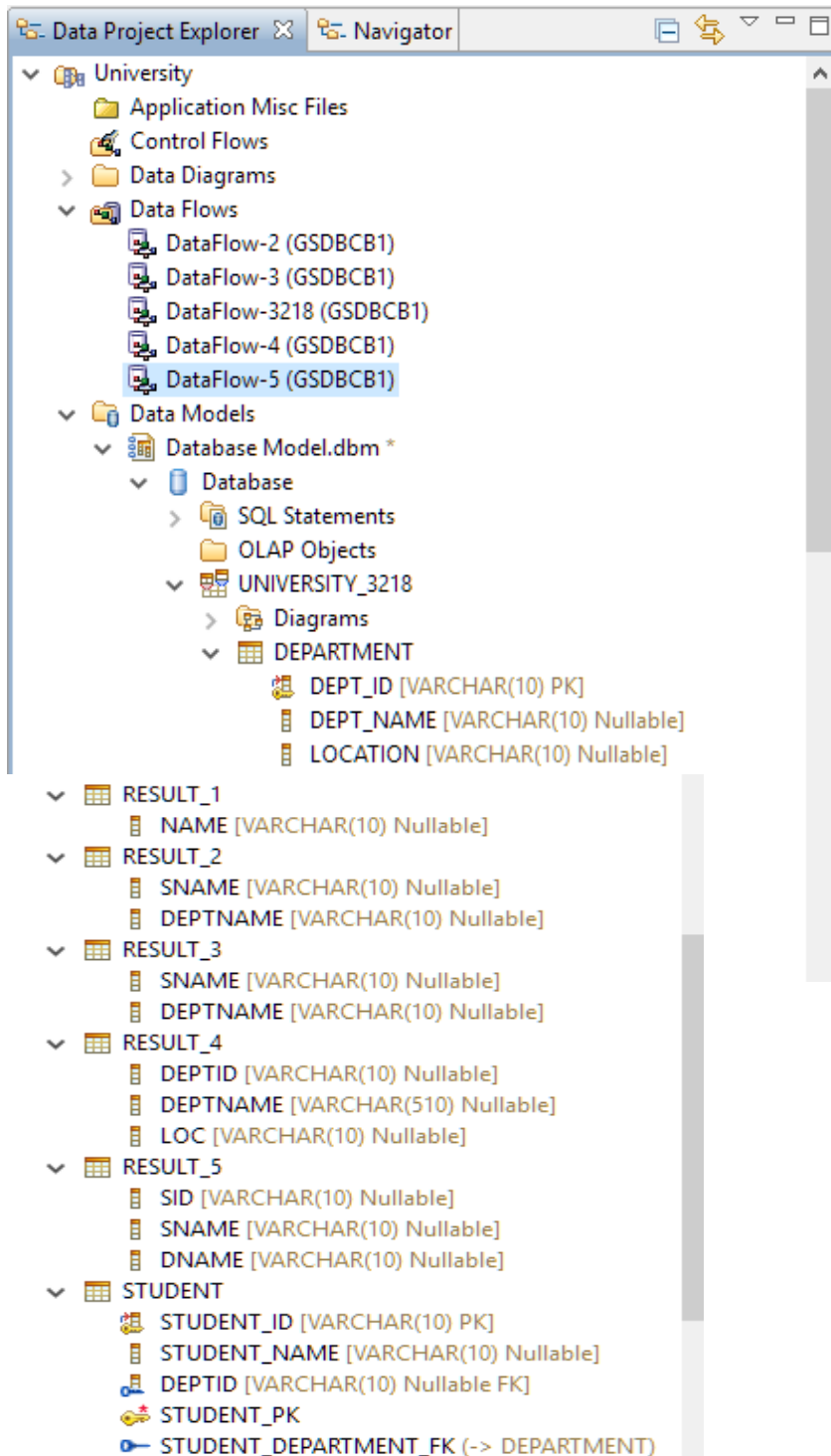
DEPARTMENT TABLE:

	DEPT_ID	DEPT_NAME	LOCATION
1	11	ICT	AB5
2	22	CSE	AB5
3	33	Mech	AB1

STUDENT TABLE:

Status | Result1

	STUDENT_ID	STUDENT_NAME	DEPTID
1	112	John	11
2	113	Kim	22

QUERY 1:

Display names of students with department id = 11

DATA FLOW:

Filter Condition:

"UNIVERSITY_3218"."STUDENT"."DEPTID" = 11

OUTPUT:

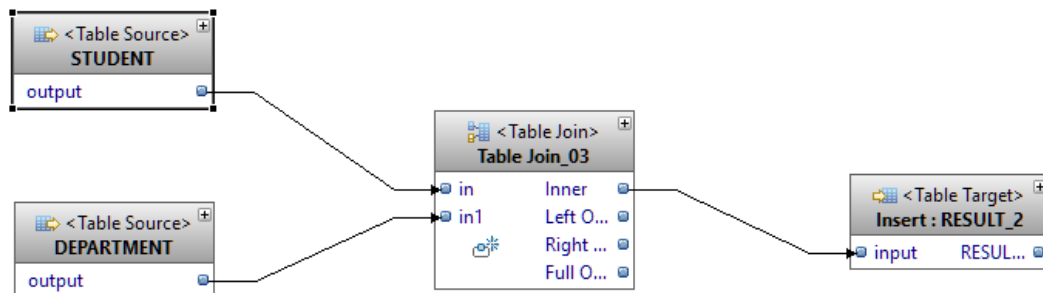Status | Result1

	NAME
1	John

QUERY 2:

Display name and department name of students with department id = 22

DATA FLOW:

Filter Condition:

Student: "UNIVERSITY_3218"."STUDENT"."DEPTID" = 22

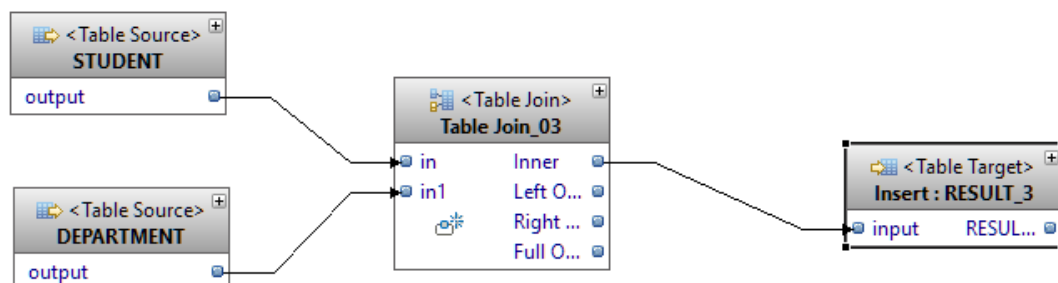Table join_03: "IN_03_0"."DEPTID" = "IN1_03_1"."DEPT_ID"

OUTPUT:

	SNAME	DEPTNAME
1	Kim	CSE

Status | Result1

QUERY 3:

Display name and department name of students whose department is not Mech

DATA FLOW:

Filter Condition:

Department: "UNIVERSITY_3218"."DEPARTMENT"."DEPT_NAME" <> 'Mech'

Table Join_03: "IN_03_0"."DEPTID" = "IN1_03_1"."DEPT_ID"

OUTPUT:

	SNAME	DEPTNAME
1	John	ICT
2	Kim	CSE

Status | Result1

QUERY 4:

Display department id, department name and location of department where department is not located in AB1

DATA FLOW:

OUTPUT:

Status | Result1

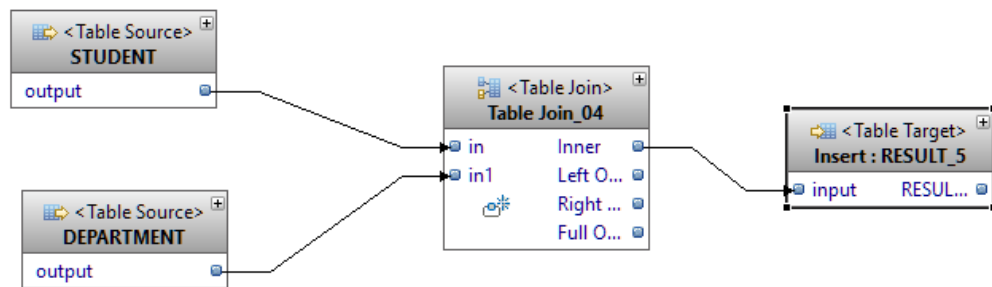|	DEPTID	DEPTNAME	LOC
1	11	ICT	AB5
2	22	CSE	AB5

Filter Condition:

"UNIVERSITY_3218"."DEPARTMENT"."LOCATION" <> 'AB1'

QUERY 5:

Display student id, student name and department name where student belongs to ICT department

DATA FLOW:

Filter Condition:

Department: "UNIVERSITY_3218"."DEPARTMENT"."DEPT_NAME" = 'ICT'

Join: "IN_04_0"."DEPTID" = "IN1_04_1"."DEPT_ID"

OUTPUT:

	SID	SNAME	DNAME
1	112	John	ICT