DASC 5333 Database Systems for Data Science CSCI 4333 Design of Database Systems Spring 2024 Suggested Solution to Homework #1

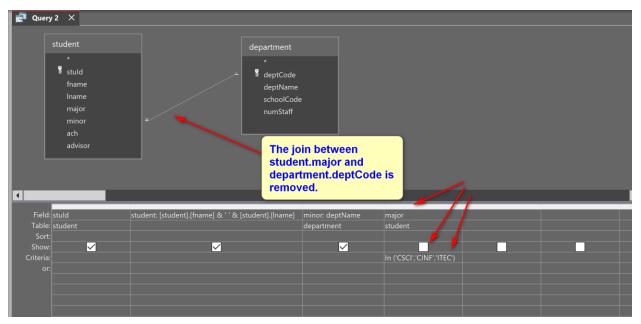
Annotations on solutions are included below. Students do not need to include annotations.

2. For examples:

(a)



(b)



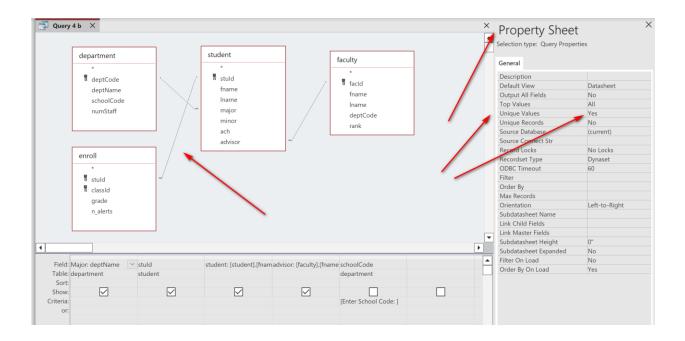


🛃 Quer	y3 ×										×
	department * deptCode deptName schoolCode numStaff		student * ff stuld fname najor minor	R dep dep sch	deptCode deptName schoolCod numStaff	e le		An inner join i between stude second instan department.		udent and tance of	the
	Join pro	perty is modif	ach advisor <mark>ied.</mark>		/	Left Ta depart Left Co deptCo 0 1: 0 2:	lumn Name	from 'dep joined field	student Right C minor bined field artment ¹ ds are eq	olumn Name ds from both tab and only those r ual.	records from
•	_					00.	'department' where OK	the joined			
		student: [student].[fn	ame] & ' ' & [student].[Iname]	major: deptName department_1	⊻ minor: depart	: deptN tment	student	CINF','ITEC	:)	•	

(d) Include all students in the school:



Includes students enrolled in at least one course in the school:



(e)

🗗 Query 5 🛛 🗙						
		student * stuld fname Iname major minor ach advisor				
•						
Field: stuld	fname	Iname	major	minor	ach	advisor
Table: student Sort:	student	student	student	student	student	student
Show:	\checkmark	✓		\checkmark	\checkmark	
Criteria:			In ('CSCI','CINF','ITEC')			
or:				In ('CSCI','CINF','ITEC')		