

CS2910 - Assignment 3 (10 points).

Microsoft Access: Queries - computed views via the Query Designer Week 4

Description of tasks involved in the assignment

- Open a database “Students” (the result of Assignment 2)
- By using the Query Designer create the following selection queries (1 point for each query):
 - List the following instructor’s data for those instructors who belongs to departments located on the Grande Prairie campus:

InstrLastNan	InstrFirstNar	DepName	Phone	Campus	DegFullName	Description
Yehoshyna	Hanna	Science	(750)221-4567	Grande Prairie	Doctor of Philosoph	a research degree, which is one of the most common type
John	Smith	Science	(750)221-4567	Grande Prairie	bachelor of busine	a bachelor's degree in business administration awarded t
Clark	Mister	Science	(750)221-4567	Grande Prairie	Bachelor of Science	a bachelor's degree that is awarded for programs that gei

- List the following instructor’s data in sequence by last name for those instructors who has Master’s degree:

InstrLastNan	InstrFirstNar	DepName	Phone	DegFullName
Bob	Clamton	Science	(750)221-4567	Master of Science
Jane	Smith	Math	(750)221-5689	Master of Science

- List the following courses data in sequence by program name (to which the course belongs) for courses taught by specific instructor:

CourseName	ProgName	DepName	InstrLastNan	InstrFirstNar
CS3610	Computer Science	Science	Yehoshyna	Hanna
CS2040	Computer Science	Science	Yehoshyna	Hanna
CS2020	Digital Marketing	Science	Yehoshyna	Hanna
CS2040	Software Eng.	Science	Yehoshyna	Hanna
CS3610	Software Eng.	Science	Yehoshyna	Hanna

- List the last name of instructors who teach courses for CS and SE programs only (along with names of course and program):

InstrLastNan	CourseName	ProgName
Yehoshyna	CS2040	Computer Science
Yehoshyna	CS3610	Software Eng.

- Create your own selection_query that references 3-4 tables;
- By using the Query Designer create the following total queries (1 point for each query):
 - Output the total number of courses in the CS program

CountOfCou	ProgName
2	Computer Science

Modify the previous version of the query to create an extra calculated column for the total number of courses

ProgName	N courses
Computer Science	2

– Find the earliest Monday class for each instructor in the schedule and output the following information regarding this class:

MinOfTime	Instructor	InstrFirstNar	Day	FirstOfCours	FirstOfSectionName
8:30:00	Yehoshyna	Hanna	Monday	CS2040	L1_CS2023_fall
14:30:00	Jane	Smith	Monday	DM1110	A1_CS2023_winter

Note: the query upper is based on the following schedule data

Course	Instructor	Day	Time	Section
CS2040	Yehoshyna	Tuesday	11:30	A1_CS2023_fall
CS3610	Yehoshyna	Monday	14:30	A1_CS2023_fall
DM2345	Jane	Tuesday	8:30	L1_CS2023_fall
DM1110	Jane	Monday	14:30	A1_CS2023_wir
CS2040	Yehoshyna	Monday	8:30	L1_CS2023_fall

- By using the Query Designer create the following queries with user criteria (1 point for each query):
 - List the first and last names of instructors who have more than 2 classes in schedule data and whose first name includes the sequence entered by the user

Schedule data:

CS2040	Yehoshyna	Tuesday	11:30	A1_CS2023_fal
CS3610	Yehoshyna	Monday	14:30	A1_CS2023_fal
DM2345	Smith	Tuesday	8:30	L1_CS2023_fall
DM1110	Smith	Monday	14:30	A1_CS2023_wir
CS2040	Yehoshyna	Monday	8:30	L1_CS2023_fall

Enter Parameter ... ? X

Enter

OK Cancel

FirstOfInstrF	InstrLastNan	CountOfCou
Hanna	Yehoshyna	3

– Create 2 your own queries with user criteria that references 3-4 tables;

Outcomes (should be submitted in the myClass):

- Database file (in *accdb* format, a file name must include the student's last name, ex. "Students_LastName.accdb")

This is an individual assignment. Even partially copied code will be subject to regulations against academic integrity. Do NOT share your solution with anybody.

Late submissions are penalized 10% / day (1 point / day), up to 3 days.

Submissions will not be accepted 1 week after the due date.