HW-Access-M01

In the Lab

Design, create, modify, and/or use a database following the guidelines, concepts, and skills presented in this module. This Lab requires you to create solutions based on what you learned in the module.

Lab: Creating Objects for the Lancaster College Intramural Sports Database

Problem: Lancaster College runs an intramural sports program. One of the students attending Lancaster College is familiar with Microsoft Access and created a database to use to keep track of the program. This database keeps track of all aspects of the intramural program such as the equipment, the fields, the maintenance personnel, the coaches, the teams, the students and their participation. The database and the Coaches table have been created, but the Sport field needs to be added to the table. The records shown in Figure 1–59 must be added to the Coaches table. The Lancaster College Intramural Sports department would like to finish storing this data in a database and has asked you to help.

Note: To complete this assignment, you will be required to use the Data Files. Please contact your instructor for information about accessing the Data Files.

Part 1:   Open the Support_AC_1_Lab Lancaster College database from the Data Files, and enable the content. If your instructor wants you to submit your work as a SAM Project for automatic grading, you must download the Data Files from the assignment launch page. Add a field SportName to the Coaches table. Assign the correct data type and a caption to the field.

Add the records shown in Figure 1–59.

Coach ID	FirstName	LastName	Office	Phone	Cell	SportName
17893	Lakisha	Black	WM-18	7178798787	7172451245	Track
18797	Bill	Brinkly	SM-1	7178798797	7175643751	Tennis
18798	Tom	Smith	SM-0	7178795467	7175432495	Wrestling
18990	William	Gutierez	WM-10	7178798789	7174597655	Football
18999	Sharon	Stone	WM-10	7178794681	7174231021	Softball
78978	Frank	Terranova	SM-10	7178798798	7172031543	Pool
78979	Gail	French	SM-12	7178792543	7172468713	Ping Pong
79798	Daniel	Costner	SM-15	7178798793	7172403120	Swimming
79879	Gary	Faulkner	SM-18	7178795432	7178965532	Soccer
82374	Jean	Epperson	JK-18	7178795402	7179845411	Basketball

Figure 1–59

Change the Student table's fields to be the correct data type and length. Add an appropriate caption to the Student ID field. Save your changes. Create a query that displays the StudentID, FirstName, LastName and Waiver, and save the query. Create the report shown in Figure 1–60 for the Coach table. Save the report.

Coach Sport Specialty Report

FirstName	LastName	Office	SN
Lakisha	Black	WM-18	Track
Bill	Brinkly	SM-1	Tennis
Tom	Smith	SM-0	Wrestling
Sharon	Stone	WM-15	Softball
Frank	Terranova	SM-10	Pool
Gail	French	SM-12	Ping Pong
Daniel	Costner	SM-15	Swimming
Gary	Faulkner	SM-18	Soccer
Jean	Epperson	JK-18	Basketball

Figure 1–60

In the Lab continued

If requested to do so by your instructor, change any data in the database to reflect your own personal information. Submit the revised database in the format specified by your instructor.

Part 2: The Waiver and the Academic fields in the Student table are Yes/No Data Types. Why is this appropriate?