**GO16\_AC\_CH02\_GRADER\_2G\_AS - Concerts and Sponsors**

**Project Description:**

*In this project, you will use a database to answer questions about concerts in the local college area. You will create a relationship between two tables, create a query from an existing query, and create queries using text, numeric, compound, and wildcard criteria based using the fields in one or both tables. You will create calculated fields, group data when calculating statistics, create a crosstab query, and create a parameter query.*

**Instructions:**

For the purpose of grading the project you are required to perform the following tasks:

| **Step** | **Instructions** | **Points Possible** |
| --- | --- | --- |
| **1** | Start Access. Open the downloaded file named *go\_a02\_grader\_a3\_Concerts\_Sponsors.accdb*, and then enable the content. | 0 |
| **2** | Using Sponsor ID as the common field, create a one-to-many relationship between the Sponsors table and the Concerts table. Enforce referential integrity and enable both cascade options. Create a relationship report with normal margins, saving it with the default name. Close all open objects. | 10 |
| **3** | In the last record of the Sponsors table, change the Sponsor ID from *SPONSOR-108* to **SPONSOR-100**, and then close the table. (The related records in the Concerts table will automatically update.) | 1 |
| **4** | Copy the Concerts $1000 or More Query to create a new query with the name **Jan-Apr Concerts Query**. Redesign the query so that the following fields display in the order given: Date, Concert Name, Concert Location, and Box Office Receipts. Sort the records in ascending order only by the Date field. Do not restrict the results by Box Office Receipts. Set the criteria so that when you run the query only those records display for a date **between 1/1/19 and 4/30/19**. Run the query (five records display). Close the query, saving the changes to the query. | 10 |
| **5** | Create a query in Query Design view based on the Concerts table. Add the following fields to the design grid in the order given: Date, Concert Name, Concert Location, and Box Office Receipts. Sort the records in ascending order by the Date field. Set the criteria so that when you run the query only those records display for a concert location of **Georgetown Community Theater or Austin City Center** and for box office receipts that have an amount that is greater than **1000**. Run the query (four records display). Save the query as **GCT OR ACC Over $1000 Query**, and then close the query. | 10 |
| **6** | Create a query in Query Design view based on both tables. Add the following fields to the design grid in the order given: Sponsor Name, Concert Name, and Concert Location. Sort the records in ascending order by the Concert Location field. Set the criteria so that when you run the query only those records display for a sponsor name that has **radio** anywhere in its name and for a concert name that ends in **festival**. Run the query (two records display). Save the query as **Radio Festivals Query**, and then close the query. | 10 |
| **7** | Create a query in Query Design view based on the Concerts table. Add the following fields to the design grid in the order given: Concert ID, Concert Name, Concert Location, Sponsor ID, and Date. Set the criteria so that when you run the query only those records display that are missing the date. Run the query (two records display). Save the query as **Missing Concert Date Query**, and then close the query. | 10 |
| **8** | Create a query in Query Design view based on both tables. Add the following fields to the design grid in the order given: Concert ID, Sponsor Name, and Box Office Receipts. Sort the records in ascending order by the Concert ID field. In the fourth column of the design grid, create a new field named **Sponsor Donation** that will calculate and display the donation amount when the Sponsor donates an amount equal to 50 percent (**0.5**) of each box office receipts amount to the Music Department. Run the query (the second record—EVENT-102—has a Sponsor Donation of *287.5*). | 10 |
| **9** | Display the query in Design view. In the fifth column of the design grid, create a new field named **Total Donation** that will calculate and display the total donation when the box office receipts amount is added to the sponsor's donation amount. Run the query (the second record—EVENT-102—has a Total Donation of *$862.50*). | 3 |
| **10** | Display the query in Design view. Use the Property Sheet to format the Sponsor Donation field as Currency with 2 decimal places, and then close the Property Sheet. Run the query, apply Best Fit to the fields, save the query as **Sponsor Donation Query**, and then close the query. | 6 |
| **11** | Create a query in Query Design view based on the Concerts table. Add the following fields to the design grid in the order given: Concert Location and Box Office Receipts. Sort the records in descending order by the Box Office Receipts field. Sum the Box Office Receipts field. Use the Property Sheet to format the Box Office Receipts field with 0 decimal places, and then close the Property Sheet. Run the query (for the Concert Location of Georgetown Community Theater, the sum of the box office receipts is $7,850). Apply Best Fit to the fields, save the query as **Receipts by Location Query**, and then close the query. | 10 |
| **12** | Use the Query Wizard to create a crosstab query based on the Concerts table with the Sponsor ID field as row headings and the Concert Location field as column headings. Sum the Box Office Receipts field, and name the query **Sponsor and Location Crosstab Query**. Display the query in Design view. Use the Property Sheet to format the last two columns with 0 decimal places. Run the query, apply Best Fit to the fields, save the query, and then close the query. | 10 |
| **13** | Create a query in Query Design view based on the Concerts table. Add the following fields to the design grid in the order given: Concert Name, Concert Location, Box Office Receipts, and Sponsor ID. Sort the records in ascending order by the Concert Name field. Set the criteria so that when you run the query you are prompted to **Enter the Sponsor ID in the format SPONSOR-###**. Run the query, and when prompted, enter **SPONSOR-101** as the criteria (six records display). Display the query in Design view and hide the Sponsor ID field from the results. Run the query again, entering **SPONSOR-101** when prompted. Save the query as **Sponsor ID Parameter Query**, and then close the query. | 10 |
| **14** | Be sure that all database objects are closed, open the Navigation Pane, and then close Access. Submit the database as directed. | 0 |
|  | **Total Points** | **100** |