**GO16\_AC\_CH05\_GRADER\_5G\_HW - Advertising Options**

**Project Description:**

*In this project, you will manage a database for the S-Boards, Inc. Surf and Snowboard Shop. To complete the project, you will create special-purpose queries to calculate data, and then summarize and group data for advertising cost analysis. You will also create a query that prompts an individual to enter the criteria for a specific type of advertisement media.*

**Instructions:**

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

| **Step** | **Instructions** | **Points Possible** |
| --- | --- | --- |
| **1** | Start Access. Download, save, and open the database named *go\_a05\_grader\_h3.accdb.* | 0 |
| **2** | Create a new query in Design view using the 5G Categories and 5G Advertisements tables. From the 5G Categories table, add the Category field. From the 5G Advertisements table, add the Type, Budget Amount, Design Fee, and Production Fee fields (in that order). | 15 |
| **3** | In the design grid, in the first blank field column, type **Cost: [Design Fee]+[Production Fee]**. Run the query. | 10 |
| **4** | View the query in Design view. In the design grid in the first blank field column, type **Variance: [Cost]-[Budget Amount]**. Run the query, and then save the query as **Budget Analysis**. Close the query. | 13 |
| **5** | Create a new query in Design view using the 5G Categories and 5G Advertisements tables. From the 5G Categories table, add the Category field. From the 5G Advertisements table, add the Objective and Budget Amount fields (in that order). | 9 |
| **6** | Run the query. Display the total row and sum the Budget Amount field. Save the query as **Budget by Category and Objective**. Close the query. | 8 |
| **7** | Using the Query Wizard, create a new crosstab query based on the Budget Analysis query. Use the Type field as the row headings and the Category field as the column headings. Sum the Cost field, and deselect the option to summarize each row. Save the query as **Crosstab Query**. Close the query. | 21 |
| **8** | Create a new query in Design view using the 5G Categories and 5G Advertisements tables. From the 5G Categories table, add the Category field. From the 5G Advertisements table, add the Budget Amount field. | 6 |
| **9** | In the design grid, click in the Criteria row under Category, and type **Electronic**. | 4 |
| **10** | Change the query type to an update query. | 4 |
| **11** | In the query, update the Budget Amount field by increasing it by 15%. Run the query and save the query as **Update Electronics Budget**. Close the query. | 10 |
| **12** | Save the database. Close the database, and then exit Access. Submit the database as directed. | 0 |
|  | **Total Points** | **100** |