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Golf Statistics for the Year 2000 Worksheet

Find the information required to fill out this worksheet using Internet research. You can use the keywords *history of golf* to begin your research.

1. Where did golf originate? _____
2. What king popularized the game in England? _____
3. What became the premier golf club because of its fine course, publication of rules, royal patronage, and promotion of the game as a proper sport? _____
4. From what types of materials were golf club heads originally made? _____
5. From what were golf balls originally made? _____
6. In what year was the United States Golf Association (USGA) established to regulate the game in the United States and Mexico? _____
7. In what year was the first monthly golfing magazine, *Golf*, published in the United States? _____
8. Golf was confirmed as a global sport when it was made an Olympic sport in what year? _____
9. Give two examples of hazards in golf. _____
10. List at least four types of major tournaments. _____

11. How many holes are there on a golf course? (There are two possible answers.) _____
12. Give two examples of types of golf clubs. _____
13. What is a birdie? _____
14. What is an eagle? _____
15. List two famous golfers. _____

Golf Statistics for the Year 2000 *(cont.)*

Overview

In this project, students use statistical data on top professional golfers from the year 2000 to figure out which golfer had the longest driving distance that year and which one had the best all-around ranking.

Learning Outcome

All school-age children need physical education to help them improve physical fitness, reinforce self-discipline, develop motor skills, and achieve goals. Physical education provides an outlet for anxiety and helps to develop social skills. By incorporating technology in learning about physical education subjects, students transfer technological knowledge and skills to life roles.

How to Begin

Have students follow the directions on the *Golf Statistics for the Year 2000 Worksheet* to learn more about golf. When they have completed the worksheet, have them follow the project instructions below.

Project Instructions

1. Launch *Microsoft Access*. In the **Microsoft Access** window, select **Blank Access database** and click **OK**.
2. Name the database *Golf Statistics* and navigate to a folder on your hard drive or a diskette where you want to save it. Click **Create**.
3. Make sure that **Tables** is selected in the **Objects** list. Double-click **Create table in Design view**.
4. In the first cell in the **Field Name** column, type *First name*. Press <Tab> and choose **Text** in the **Data Type** column. Leave the **Description** column empty. Continue entering field names and selecting data types as follows.
5. Close the table window. Choose **Yes** to save changes.
6. Name the table *Rankings*. Choose **Yes** to create a primary key.
7. Double-click **Rankings** and fill in the data given below.

Field Name	Data Type
Last name	Text
Earnings	Currency
Driving distance	Text
All-around ranking	Text

First name	Last name	Earnings	Driving distance	All-around ranking
Tiger	Woods	9,118,321.00	298	113
Phil	Mickelson	4,746,457.00	288.75	216
Ernie	Els	3,469,405.00	278.4	286
Hal	Sutton	3,061,444.00	275.4	404
David	Duval	2,462,846.00	283.5	184
Davis	Love	2,337,765.00	288.7	338

8. Close the table window. Choose **Yes** if prompted to save changes to the table.
9. In the **Objects** list, choose **Queries**. Double-click **Create query by using wizard**.

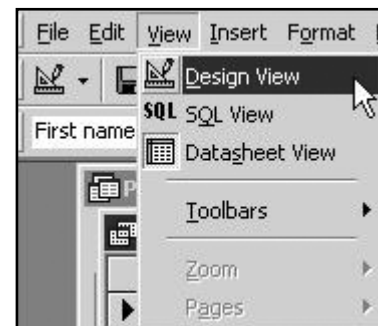
Golf Statistics for the Year 2000 *(cont.)*

10. Make sure that **Table: Rankings** is selected in the **Tables/Queries** drop-down list. Select **First name**, **Last name**, and **Driving distance** in the **Available Fields** list. Click the right-pointing, single arrow to move each field to the **Selected Fields** list. Choose **Next** twice.

11. Title the query *Longest Driving Distance*. Choose **Finish**.

First name	Last name	Driving distance
Tiger	Woods	298
Phil	Mickelson	288.75
Ernie	Els	273.2
Hal	Sutton	288.7
Lee	Westwood	301.4
David	Duval	289.2
Davis	Love	275.3
Paul	Azinger	273.4
John	Daly	288
Sergio	Garcia	288.5

12. Select the **View** menu and choose **Design View**.



13. In the **Driving distance** column, click in the **Sort** row, click the drop-down arrow, and select **Descending**.
14. Select the **View** menu and choose **Datasheet View** to see which golfer had the longest driving distance in 2000.
15. Close the query window.
16. Double-click **Create query by using wizard**. In the **Tables/Queries** drop-down list, make sure that **Table: Rankings** is selected.
17. In the **Available Fields** list, select **First name**, **Last name**, and **All-around ranking**. Click the right-pointing, single arrow to move each field to the **Selected Fields** list. Choose **Next** twice.
18. Name the query *All-Around Rankings* and choose **Finish**.
19. Select the **View** menu and choose **Design View**.
20. In the **All-around ranking** column, click in the **Sort** row, click the drop-down arrow, and select **Ascending**.
21. Select the **View** menu and choose **Datasheet View** to see which golfer had the best all-around ranking in 2000.