




-  **Explore** 12. Create a query that displays the PatronID, FirstName, and LastName fields from the Patron table, and the Description, DonationDate, and DonationValue fields from the Donation table. Specify that the query include records for noncash donations only or for donations made in the month of September 2017. Sort the records first in ascending order by the patron's last name, and then in descending order by the donation value. Save the query as **NonCashOrSeptemberDonations**, run the query, and then close it.
13. Copy and paste the NonCashOrSeptemberDonations query to create a new query named **DonationsAfterStorageCharge**.
-  **Explore** 14. Modify the DonationsAfterStorageCharge query so that it displays records for noncash donations made on all dates. Create a calculated field named **NetDonation** that displays the results of subtracting \$3.50 from the DonationValue field values to account for the cost of storing each noncash donated item. Set the Caption property **Net Donation** for the calculated field. Display the results in ascending order by donation value and not sorted on any other field. Run the query, and then modify it to format both the DonationValue field and the calculated field as Currency with two decimal places. Run the query again, and resize the columns in the datasheet to their best fit, as necessary. Save and close the query.
-  **Explore** 15. Create a query based on the **Donation** table that displays the sum, average, and count of the DonationValue field for all donations. Then complete the following:
- Specify field names of **TotalDonations**, **AverageDonation**, and **NumberOfDonations**. Then specify captions to include spaces between words.
 - Save the query as **DonationStatistics**, and then run it. Resize the query datasheet columns to their best fit.
 - Modify the field properties so that the values in the Total Donations and Average Donation columns display two decimal places and the Standard format. Run the query again, and then save and close the query.
 - Copy and paste the DonationStatistics query to create a new query named **DonationStatisticsByDescription**.
 - Modify the DonationStatisticsByDescription query to display the sum, average, and count of the DonationValue field for all donations grouped by Description, with Description appearing as the first field. Sort the records in descending order by Total Donations. Save, run, and then close the query.
16. Compact and repair the Center database, and then close it.

~~Case Problem 4~~

~~Data Files needed for this Case Problem: Appalachia.accdb (cont. from Module 2) and HikeApp.accdb~~

~~**Hike Appalachia** Molly and Bailey Johnson need your help to maintain and analyze data about the hikers, reservations, and tours for their hiking tour business. Additionally, you'll troubleshoot some problems in another database containing tour information. Complete the following:~~

- ~~1. Open the **Appalachia** database you created and worked with in previous modules, and then click the Enable Content button next to the security warning, if necessary.~~
- ~~2. In the **Hiker** table, change the phone number for Wilbur Sanders to **828-910-2058**, and then close the table.~~
- ~~3. Create a query based on the **Tour** table that includes the TourName, Hours, PricePerPerson, and TourType fields, in that order. Sort in ascending order based on the PricePerPerson field values. Save the query as **ToursByPrice**, and then run the query.~~