

- j. Add the category descriptions to the Category table as shown below, letting Access use AutoNumber to create the CategoryID field. Close the table.

CategoryID	Category Description
1	Action
2	Adventure
3	Arcade
4	Racing
5	Rhythm
6	Role-playing
7	Simulation
8	Sports

- k. Click the **DATABASE TOOLS** tab and click **Relationships** in the Relationships group. Add all three tables to the Relationships window and close the Show Table dialog box. Create a one-to-many relationship between CategoryID in the Category table and CategoryID in the Games table. Enforce referential integrity and cascade update related fields.
- l. Create a one-to-many relationship between SystemID in the System table and SystemID in the Games table. Enforce referential integrity and cascade update related fields. Close the Relationships window, saving changes.
- m. Use the Query Wizard to create a simple query using the Games table. Use the following fields in the query: GameName, Rating. Save the query using the title **Ratings Query**.
- n. Switch to Query Design view. Sort the rating field in ascending order and run the query. Close the query, saving the changes to the design of the Ratings Query.
- o. Create a multitable query in Design view using all three tables. Use the following fields: GameName, CategoryDescription, Rating, SystemName, and DateAcquired.
- p. Sort the query in Ascending order by GameName and run the query. Save the query as **Game List Query** and close the query.
- q. Copy the **Game List Query** and paste it in the Navigation Pane using the name **PS3 Games**. Modify the query in Design view by using **PS3** as the criteria for SystemName. Remove the sort by GameName and sort in ascending order by CategoryDescription. The query results should include 7 records.
- r. Close the PS3 Games query, saving the changes to the design.
- ★ s. Assume you are going home for Thanksgiving and you want to take your Wii gaming system and games home with you—but you only want to take home games with a rating of Everyone. Create a query named **Thanksgiving Games** that shows the name of the game, its rating, the category description of the games, and the system name. The results of the query will tell you which games to pack.
- t. Submit based on your instructor's directions.

2 The Prestige Hotel

The Prestige Hotel chain caters to upscale business travelers and provides state-of-the-art conference, meeting, and reception facilities. It prides itself on its international, four-star cuisine. Last year, it began a member reward club to help the marketing department track the purchasing patterns of its most loyal customers. All of the hotel transactions are stored in the database. Your task is to help the managers of the Prestige Hotel in Denver and Chicago identify their customers who stayed in a room last year and who had three persons in their party. Refer to Figure 2.54 as you complete this exercise.