

29

ANSWERS TO EVEN-NUMBERED EXERCISES

2. Using MariaDB interactively, create a database named **dbsam** that the user named **sam** can modify and grant privileges on. Set up Sam's password to be **porcupine**. The MariaDB user named **root** has the password **five22four**.

```
$ mysql -u root -p
Enter password: five22four
...
MariaDB [maxdb]> CREATE DATABASE dsam;
Query OK, 1 row affected (0.00 sec)

MariaDB [maxdb]> GRANT          ALL PRIVILEGES
->                               ON      dsam.* to 'sam'
->                               IDENTIFIED BY 'porcupine'
->                               WITH GRANT OPTION;
Query OK, 0 rows affected (0.00 sec)
```

4. Which commands would you use to set up a table in **dbsam** (created in exercise 2) named **shoplist** with the following columns of the specified types: **day** [DATE], **store** [CHAR(20)], **lettuce** [SMALLINT], **soupkind** [CHAR(20)], **soupnum** [INTEGER], and **misc** [VARCHAR(40)]?

```
USE dsam;
CREATE TABLE  shoplist (
                day      DATE,
                store    CHAR(20),
                lettuce  SMALLINT,
                soupkind CHAR(20),
                soupnum  INTEGER,
                misc     VARCHAR(40)
                );
```

6. List two ways you can specify the name of a specific MariaDB database to work with.

You can specify the name of the database you are working with in your `~/.my.cnf` file or by using a USE statement.

8. Assume you are working with the **people** table in the **maxdb** database described in this chapter. Write a query that lists the names of all the people and their hire dates sorted by their names.

```
SELECT      name,  
           hired  
FROM        people  
ORDER BY   name;
```