

Exercise 07

- 13.4** (*Display calendars*) Rewrite the `PrintCalendar` class in Listing 6.12 to display a calendar for a specified month using the `Calendar` and `GregorianCalendar` classes. Your program receives the month and year from the command line. For example:

```
java Exercise13_04 5 2016
```

This displays the calendar shown in Figure 13.9.

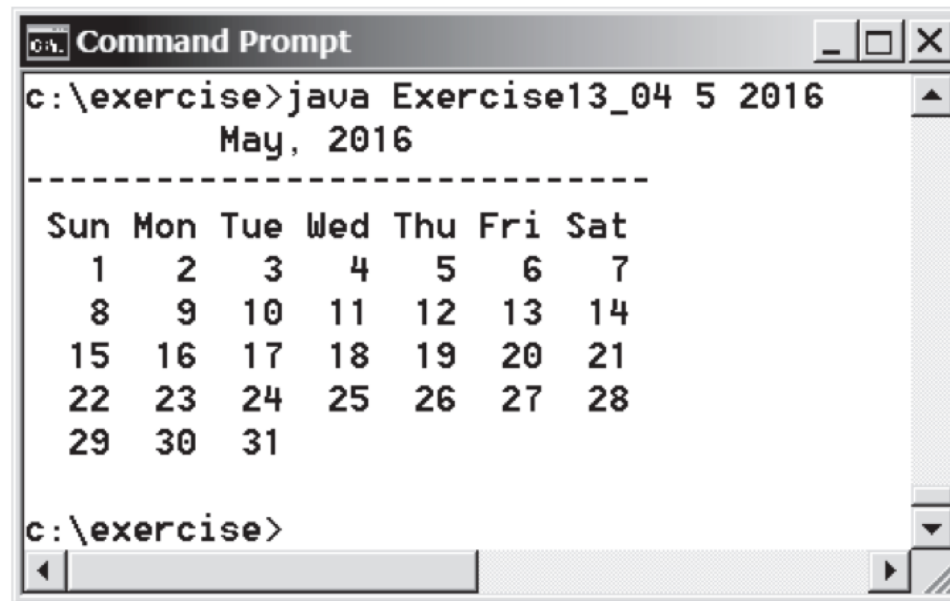


FIGURE 13.9 The program displays a calendar for May 2016.

You can also run the program without the year. In this case, the year is the current year. If you run the program without specifying a month and a year, the month is the current month.

Exercise 07

***13.15** (Use *BigInteger* for the *Rational* class) Redesign and implement the *Rational* class in Listing 13.13 using *BigInteger* for the numerator and denominator. Write a test program that prompts the user to enter two rational numbers and display the results as shown in the following sample run:

```
Enter the first rational number: 3 454 
Enter the second second number: 7 2389 
3/454 + 7/2389 = 10345/1084606
3/454 - 7/2389 = 3989/1084606
3/454 * 7/2389 = 21/1084606
3/454 / 7/2389 = 7167/3178
7/2389 is 0.0029300962745918793
```