10. Programming Project 9 in Chapter 5 asked you to write a program that determines which of two dates comes earlier on the calendar. Generalize the program so that the user may enter any number of dates. The user will enter 0/0/0 to indicate that no more dates will be entered:

```
Enter a date (mm/dd/yy): 3/6/08
Enter a date (mm/dd/yy): 5/17/07
Enter a date (mm/dd/yy): 6/3/07
Enter a date (mm/dd/yy): 0/0/0
5/17/07 is the earliest date
```

11. The value of the mathematical constant e can be expressed as an infinite series:

    $e = 1 + 1/1! + 1/2! + 1/3! + \ldots$

    Write a program that approximates e by computing the value of

    $1 + 1/1! + 1/2! + 1/3! + \ldots + 1/n!$

    where n is an integer entered by the user.

12. Modify Programming Project 11 so that the program continues adding terms until the current term becomes less than ε, where ε is a small (floating-point) number entered by the user.