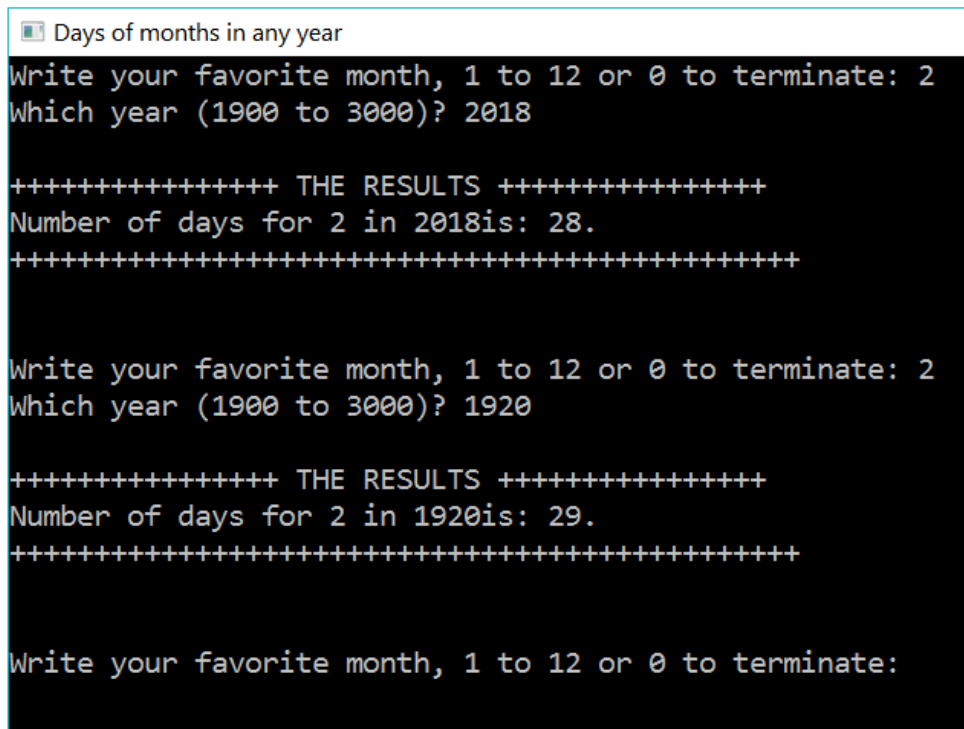# Days of Month

1. Objectives

This exercise is intended to help you solve the assignment in the session. Learn how to use loops for repeating instructions.

2. Description

Write a program that prints out (to the Console Window) the number of days in a given year during the period 1900 to 2500. The user inputs a year and a month, a whole number between 1 and 12, or 0 to exit the program. This exercise is optional and will not be graded.

3. Requirements

- Create at least two classes with a Main method and at least one class to do the calculations

- Create a class **DaysOfMonth (DaysofMonth.vb)** containing as many methods as you may figure out to solve the exercise. This class needs not to have any fields (instance variables).

- The user's input must be conrolled so that the value for the year and the month are within the permitted range.

- The number of days for the month of February must be adjusted to leap years.

- Create then the class, **DaysOfMonthProgram**, where you will write the **Main** method. If you use Visual Studio, it will create this class automatically for you, but make sure to change the VS's default name, **Class1** to **DaysOfMonthProgram**.

- Declare and create an object of the **DaysOfMonth** class in the **Main** method. Use the object's method(s) to carry out the job, i.e,

  - read input,

  - calculate

  - print out results.

4. Help and submission

A solution to this exercise is available on the course site. The exercises is not to be submitted.

Good Luck!
Programming is fun. Never give up. Ask for help!

Farid Naisan,
Course Responsible and Instructor