

```
import java.util.Scanner;
public class Main {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        String monthName;
        int year;
        int numberOfDays;

        System.out.println("Enter the name of the month: ");
        monthName = sc.nextLine();
        System.out.println("Enter the year: ");
        year = Integer.parseInt(sc.nextLine());

        numberOfDays = year > 0 ? MatchDays(monthName, year) : -1;
        if (numberOfDays != -1) {
            System.out.printf("[%s] has [%d] days for the year [%d]", monthName, numberOfDays, year);
        }
        else {
            System.out.printf("month (%s) or year (%d) is invalid", monthName, year);
        }
    }

    public static boolean IsLeapYear(int year) {
        return ((year % 4 == 0) && (year % 100 != 0)) || (year % 400 == 0);
    }

    public static int MatchDays(String monthName, int year) {
        int numberOfDays = -1;
        switch (monthName.toLowerCase()) {
            case "january":
            case "march":
            case "may":
            case "july":
            case "august":
            case "october":
            case "december":
                numberOfDays = 31;
                break;
            case "april":
            case "june":
            case "september":
            case "november":
                numberOfDays = 30;
                break;
            case "february":
                if (IsLeapYear(year)) numberOfDays = 29;
                else numberOfDays = 28;
                break;
            default:
                break;
        }
        return numberOfDays;
    }
}
```