```
package SeasonFinder;

import java.util.Scanner;

public class SeasonFinder {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        System.out.print("Enter a month (1-12): ");
        int month = scanner.nextInt();
        System.out.print("Enter a day: ");
        int day = scanner.nextInt();

        if (month < 1 || month > 12 || !isValidDay(month, day)) {
            System.out.println("Invalid month or day!");
            scanner.close();
            return;
        }

        String season = determineSeason(month, day);
        System.out.println("The season is: " + season);
        scanner.close();
    }

    private static boolean isValidDay(int month, int day) {
        int[] daysInMonth = {31, 28, 31, 30, 31, 30, 31, 31, 30, 31, 30, 31};
        return day > 0 && day <= daysInMonth[month - 1];
    }

    private static String determineSeason(int month, int day) {
        if ((month == 12 && day >= 21) || (month == 1 || month == 2) || (month == 3
&& day <= 19)) {
            return "Winter";
        } else if ((month == 3 && day >= 20) || (month == 4 || month == 5) ||
(month == 6 && day <= 20)) {
            return "Spring";
        } else if ((month == 6 && day >= 21) || (month == 7 || month == 8) ||
(month == 9 && day <= 21)) {
            return "Summer";
        } else {
            return "Autumn";
        }
    }
}
```