

## Lab 2.5.22.3 Getting data from the user: part 3

### Objectives

Familiarize the student with:

- Getting data from the user
- Printing data in different formats
- Fixing errors in a program

### Scenario

Write a program that asks the user for a day and month (separate integer values for both). Next, it should print the day number of the year for the given day and month. Assume that the year is a leap year (February has 29 days). Your program must print the same result as the expected output. Test it for days of different months (check some of them on paper). Assume that the user input is valid.

```
#include <stdio.h>

int main()
{
    return 0;
}
```

#### Example input

```
1
1
```

#### Example output

The day of the year: 1

#### Example input

```
31
1
```

#### Example output

The day of the year: 31

#### Example input

```
29
2
```

#### Example output

The day of the year: 60

#### Example input

```
31
12
```

### **Example output**

The day of the year: 366