

BIL111 - Programming
Fall 2023
Project 1 – Due: November 19, 2023, 11:59 p.m.

In this project, you will design and develop a simple calendar. This calendar will simply print the next day of a given day as input.

Your program should take a day from the user. In other words, your program should read day, month and year as integers and should print the following day of the given day.

Here is a sample output of the calendar (The input taken from the user is in bold):

Enter a date (0 0 0 to quit): **12 3 2023**
The next day of 12.03.2023 is 13.03.2023

Enter a date (0 0 0 to quit): **31 10 2022**
The next day of 31.10.2022 is 01.11.2022

Enter a date (0 0 0 to quit): **31 12 1364**
The next day of 31.12.1364 is 01.01.1365

Enter a date (0 0 0 to quit): **28 2 2011**
The next day of 28.02.2011 is 01.03.2011

Enter a date (0 0 0 to quit): **28 2 2012**
The next day of 28.02.2012 is 29.02.2012

Enter a date (0 0 0 to quit): **28 13 2012**
This is not a valid date!

Enter a date (0 0 0 to quit): **29 2 2023**

This is not a valid date!

Enter a date (0 0 0 to quit): 0 0 0

Thanks for using our calendar!

You will write a C program to implement this calendar. You are not allowed to use statements that we haven't learned in class as of 27.10.22. For example, functions, strings, time header file, etc.

Submission:

- You will submit your C code via LMS. Your C file should be named as "StudentID.c". For example, the student having ID 2022103328 should submit "2022103328.c".