Bonus assignment 4: A month calendar

Course 'Imperative Programming' (IPC031)

1 Assignment

Design and implement the function `show_month`, parameterized with month and year. The month parameter should be this enumeration type:

```
enum Month {January=1, February, March, April, May, June, July, August, September, October, November, December};
```

The year parameter is a positive integer. The function must display all days of month in a customary way of calendars by printing to `cout`. A week starts on Monday. For example, the display of September 2022 should look like:

```
Mo  Tu  We  Th  Fr  Sa  Su
             1   2   3   4
 5   6   7   8   9  10  11
12  13  14  15  16  17  18
19  20  21  22  23  24  25
26  27  28  29  30
```

In addition, design and implement the function `show_months`. This function should allow the user to enter a year and month, and responds with displaying the month calendar as described above by printing to `cout`. For the user of your application it should be clear what input is expected by the program

2 Products

As product-to-deliver you only need to upload to Brightspace "`main.cpp`" that you have created with solutions for each part of the assignment.
There is no prepared file with unit tests since this bonus exercise concerns a console program. You are of course allowed and encouraged to write unit tests for auxiliary functions yourself.

Deadline

Bonus assignment: Monday, October 2, 2023, 15:30h