ETAS Coding Exercise

Write a HTML calendar generator in a programming language of your choice

Requirements:
1) It should be a command line tool.
2) Output of the generator shall be a static HTML page.
3) The year should be taken as a command line option.
4) Name of the generated file shall be taken as a command line option.
5) We assume usage of the **Gregorian calendar**
   a. https://en.wikipedia.org/wiki/Gregorian_calendar
   b. Earliest supported date: **October 1582**
6) Calendar shall be generated for: Year – 1, then Year and then Year + 1
   a. i.e. if a year is 2016 then generation should happen for **2015, 2016 and 2017**
7) Calendar shall have a following format for a month:

Wk	Mo	Tu	We	Th	Fr	Sa	Su
		October					
39						1	2
40	3	4	5	6	7	8	9
41	10	11	12	13	14	15	16
42	17	18	19	20	21	22	23
43	24	25	26	27	28	29	30
44	31						

   a.
8) **Week days are mandatory.**
9) Week numbers are **optional**.
10) The overall format of the calendar is up to you.
11) Usage of time / calendar-related libraries is forbidden.
12) Generate example calendars for the following dates:
    a. 1800
    b. 1900
    c. 2000
    d. 2017
13) Send the generated HTML for the example calendars and the source code to us.