💡 Second assignment

🛠️ Programming in C

> 50% of the final grade will be determined by assignments and 50% by the final test
>
> A maximum of one additional point may be awarded to your final grade based on your engagement and attendance in lectures and labs.

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- first, without using any user defined functions (just using main, but using arrays)

- second, using your own defined functions (at least one more function besides main), **one** of the following problems:

> 5 points for each of the two solutions
>
> Deadline: TBA on Team assignments
>
> ⚠️ Please check user input and output console error messages if the user submits invalid data (a string instead of a number, or a negative number instead of a positive one, etc).

1.

> Write a program to read a set of integers and print the maximum and minimum value.

2.

> Use Eratosthenes's sieve to determine all prime numbers less than a given integer. (https://en.wikipedia.org/wiki/Sieve_of_Eratosthenes)

3.

> Write a program to read an integer with max 3 digits and print the value in words (111 will be printed as one hundred and eleven)

4.

> Write a program that, given an integer n, computes the first n values from
> Fibonacci Series.

Bonus assignment:

> This problem does not have a bonus assignment.

⚙ Submission of Solutions

SCREEN RECORDING VIDEO

> After you've finished the exercises, create a screen recording of the solution and
> explain the code and techniques you used to successfully implement it. You can use
> a free tool like OBS (https://obsproject.com/download) for this.

⚠ Observation

> The screen recording must include your solution presentation (voiceover). The
> entries that do not include a presentation (either a video or a lab presentation)
> will not be assessed.

SEND VIDEOS AND SOLUTIONS

> 1. Upload the screen recording to the Team assignment once it has been completed.
>
> 2. Create a zip file with the source code and upload it to the assignment as well.
> GitHub or other Git repositories with the code are also accepted instead of the
> zip file with the solutions.