IMY 220 Practical 2: PHP

Due: Friday 2 August @ 11:30

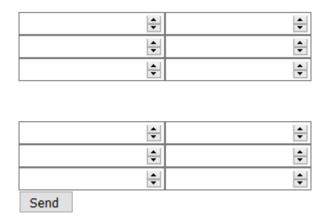
The submission instructions are available on ClickUP. Any deviation from these instructions will cause a 10% deduction from your mark.

Instructions

- Use PHP to write a matrix-addition calculator for any matrix size.
- Download the file index.php from ClickUP. This file contains a simple form for setting the size of a
 matrix. All of your work must be done inside this file, in other words, you are not allowed to create
 any new files.
- This practical will not require you to add any styling, i.e. any CSS or Bootstrap.

Section 1

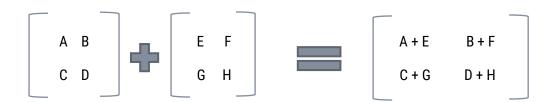
When the form setting the width and height submits (to the same page), use that width and height to create a form containing (number) inputs for two matrices and a submit button. For example, if the width is set to 2 and the height is set to 3, the following should be displayed:



Also note that in order to do Section 2, you will need to send the width and height of the matrices through again. Use hidden inputs (input type="hidden") to accomplish this.

Section 2

When submitting the form for the matrices (again, to the same page), use the inputs from both matrices and calculate the sum of them. Matrix addition works as follows:



In other words, every corresponding index from both matrices (for example, x[1]y[1] from matrix 1 and 2) gets added for any number of rows and columns. So, for example if the following two matrices are added:

1	‡	2	-
3	-	4	-
5	-	6	-

7	-	8	-
9	+	10	÷
11	÷	12	÷
Send			

The resulting matrix (i.e. the answer) should be as follows:

...since 1 + 7 = 8, 2 + 8 = 10, etc. Print out the resulting matrix in a bordered table.

Additional Information

• Refer to the slides as well as online resources for help.

Submit only the following file(s) according to the submission instructions.

• index.php