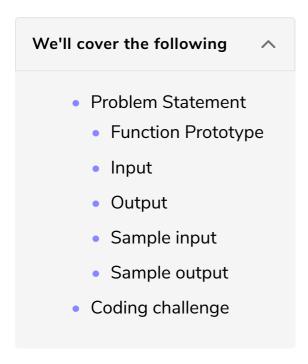
Challenge 2: Print a Matrix

Solve the following challenge to print a matrix, i.e., a two-dimensional array.



Problem Statement

Print a two-dimensional array of size $\mathbf{n} \times \mathbf{n}$ as shown below in the form of a matrix.

Function Prototype

function printMat(\$n)

Input #

an integer

Output #

print matrix on the console

Sample input #

n = 3;

Sample output #

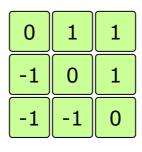
Print an array of size 3 x 3 as:

- The *diagonal* of the *array* should be filled with **0**.
- The *lower side* should be filled with **-1s**.
- *upper side* should be filled with **1s**.

Make sure to put spaces between the values and print each row in the next line

```
0 1 1 \n-1 0 1 \n-1 -1 0 \n
```

Note: In order to move a value to the next line you can use PHP_EOL.

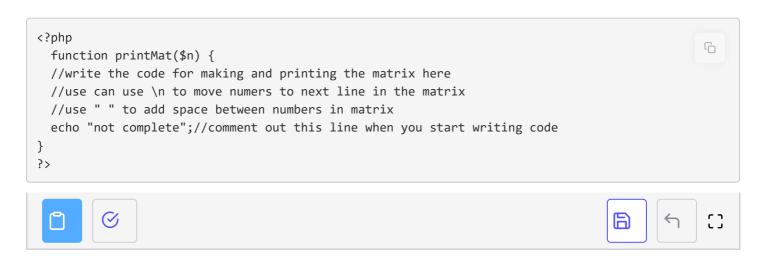


Sample Output Array

Coding challenge

Try to implement the solution by *yourself* once you have understood the *problem* statement clearly. Referring to the solution part should be your last resort.

Good luck!



Let's move on to a quick quiz in the next lesson.