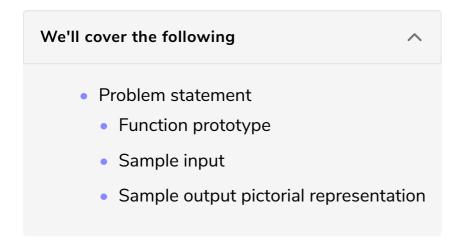
Challenge 3: Print a Matrix

In this challenge, you will figure out how to print a Matrix using a two-dimensional Array.



Problem statement

As we have already discussed that a *two-dimensional* array can also be thought of a *matrix*.

Implement a Java method to **initialize & print** a two-dimensional array of size **n x n** in the form of a matrix. You should initialize and 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 will **-1s**.
- *upper side* should be filled with **1s**.

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

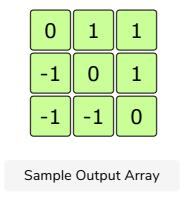
Function prototype

```
void printMat(int n)
```

Sample input

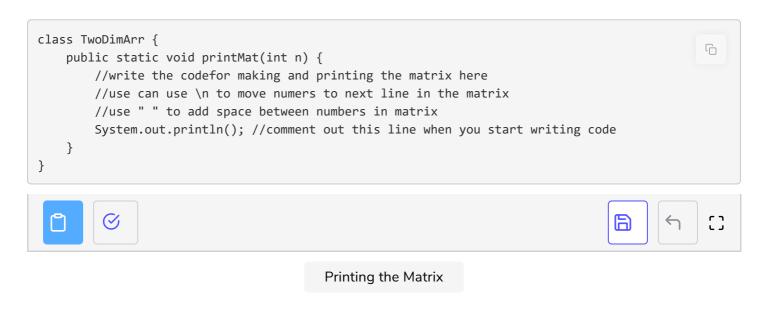
```
int n = 3;
```

Sample output pictorial representation #



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 discuss the solution of the above challenge in the next lesson.