**Instructions For The Exercise**

**Minesweeper Number of Neighbouring Mines**

Create a function that takes an array representation of a Minesweeper board, and returns another board where the value of each cell is the amount of its neighbouring mines.

**Notes:**

* Since in the output the numbers 0-8 are used to determine the amount of adjacent mines, the number 9 will be used to identify the mines instead.
* A wikipedia page explaining how Minesweeper works is available in the Resources tab.
* If you get stuck on a challenge please search it online and try to find resources
* If you are *really* stuck*,* please ask your Instructors.

**Examples**

[

[0, 1, 0, 0],

[0, 0, 1, 0],

[0, 1, 0, 1],

[1, 1, 0, 0],

]

The 0 represents an empty space . The 1 represents a mine.

You will have to replace each mine with a 9 and each empty space with the number of adjacent mines, the output will look like this:

[

[1, 9, 2, 1],

[2, 3, 9, 2],

[3, 9, 4, 9],

[9, 9, 3, 1],

]