Basic Data Structures

LESSON 14: LOOPING OVER A GRID

Summing Grid

Write a function called `function sumGrid(grid)` that takes as a parameter a grid and fills each location in the grid with the sum of the row and column.

For example, this code:

```
var grid = new Grid(2, 3);
sumGrid(grid);
println(grid);
```

Should output:

```
0    1    2
1    2    3
```

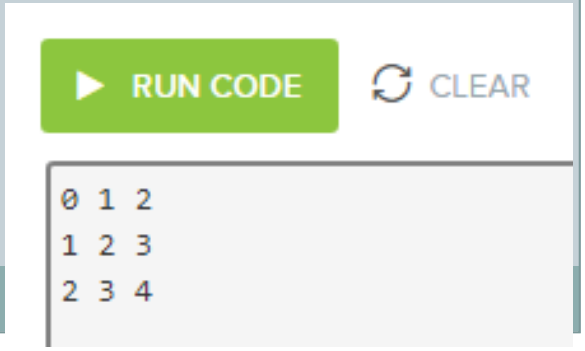
Test your function by calling it several times, and printing out the grid.

14.1: Summing Grid

function start()

- Variable grid equals new grid of 3 by 3;
- Println calls sumGrid(grid);

function sumGrid(grid)

- For loop to iterate variable row over grid.numRows{
  - For loop to iterate variable col over <grid.numCols{
    - grid.set calls row, col, row+col;
- }
- }
- Return grid

Sets value of the cell at row col to row+col. So, cell 0,0 is set to 0+0 and cell 2,2 is set to 4.