We have a 2-dimensional array: matrix[R][C], where R is a rows number and C is the column number.

Write a C program to do some operations on this matrix:

1. Make a function to fill the matrix with random even, unique numbers, in the range of min and max.
2. Make a function to print the matrix to the terminal.
3. Make a function to calculate sum of elements in each row of the matrix and store the result in an element of an array passed to the function.
   - The function shall calculate sum for all rows.
4. Make a function to calculate sum of elements in each column of the matrix and store the result in an element of an array passed to the function.
   - The function shall calculate sum for all columns.

5. In the program:
   - Ask the user to enter the array dimensions (R and C)
   - Make a J x K array and fill it with random, even unique numbers in the range of 10 and 1000.
   - Use pointers in your functions.

For G, the requirements shall be fulfilled.

For VG, the requirements shall be fulfilled and:

- Header file for the module shall be created and well-described using the doxygen format.
- in_matrix function shall be created to check if the even value, we randomly generated is in matrix or it is a new random value, and this function shall be called inside fillMatrix function (Point num 1).

Output example:

```
Enter the number of rows (R): 7
Enter the number of columns (C): 5

Matrix:
210     434     22      390     92
160     388     476     282     252
248     478     292     34      316
376     134     492     488     412
372     238     284     64      428
190     466     262     74      280
108     310     76      78      354

Sum of each row:
1148
1558
1368
1902
1386
1272
926

Sum of each column:
1664    2448    1904    1410    2134
```