Review Assignment 10
Submission Deadline 11:59 PM, Sunday, April 23rd
Total 30 points

Instruction.

1. **Download the assignment sheet.**
2. **Enter your answer.**
3. **Upload your answer sheet.**

Question 1 (15 points).

Write a static method `subtable()` that receives as a parameter a two-dimensional array of `String` data called `table` and two int parameters `startRow` and `endRow`, and returns a two-dimensional array consisting of the exact copies of the rows of `table` whose row index is greater than or equal to `startRow` and strictly less than `endRow`. If either `startRow` or `endRow` is out-of-range, the method must return `null`. Also, if `startRow >= endRow`, the method must return `null`. The input array `table` can be a jagged array.

```
static String[][] subtable(String[][] table, int startRow, int
endRow){

        if (startRow >= endRow || startRow < 0 || endRow >
table.length){

            return null;

        } // end of if

        String[][] newtable = new String[endRow-startRow][];

        int c = 0;
        for (int i=startRow; i<endRow; i++){

            newtable[c] = table[i];
            c++;

        } // end of for loop

        return newtable;


    } // end of subtable function
```

Question 2 (15 points).

Write a static `boolean` method `isRectangular()` that receives a two-dimensional array of `String` data called `table` and returns as a `boolean` if the array is rectangular, that is, if all the rows have the same lengths.

```
static boolean isRectangular(String[][] table){
        for (int i=0; i<table.length; i++){
            for (int j=0; j<table.length; j++){
                if (table[i].length != table[j].length){
                    return false;
                } // end of if
            } // end of for loop
        } // end of for loop
        return true;
    } // end of isRectangular function
```