

1. Write a Java program to create an array of its anti-diagonals from a given square matrix
2. Write a method that returns a 2D array that represents a multiplication table. The method should take an int as a parameter that determines the size of the multiplication table.

For example, the call `multiplicationTable(5)` would return:

```
[1,2,3,4,5]  
[2,4,6,8,10]  
[3,6,9,12,15]  
[4,8,12,16,20]  
[5,10,15,20,25]
```

3. Write a method that takes rows and columns as a parameter, and returns a 2D array of the designated size, filled with empty Strings.