Lab Assignment 5

Programming Projects with Java1 (CA 3216)

1	Write a method to print the following pattern and take the number of <u>row</u> as input. * * * * * * * * * * * * * * * *
2	Write a method that takes a string and returns true if it is a **palindrome**, otherwise false.
3	**Create a method reverseString() that takes a string and returns the reversed string without using built-in methods.**
4	Write a method that receives a character array and converts all lowercase letters to uppercase.
5	Write a recursive method to find the **sum of digits** of a number.
6	Write a recursive method to calculate **power(x, n)** without using Math.pow().
7	Create a method that accepts two integers and returns true if one is a multiple of the other.
8	Take two <u>matrix</u> as method argument and return the multiplication of it. Write a java program for it.
9	Find the factorial of a number using recursion.
10	Write a method which will take string array as input and return the sorted array. Instruction: use compareTo() method and bubble sort technique.