Recursion Exercises

Solve the following exercises using recursion.

Exercise 1:

Write a method called `laugh` that takes an integer number as a parameter and returns a String of that many **HA**'s.

For example:

> Input: `3`
>
> Output: `HA HA HA`

An input of 0, should product a String with no **HA**'s.

Exercise 2:

Write a method called addUp, that will add up all the numbers in an array. We've already solved similar problems using iterations and loops, now solve this using recursion.

Exercise 3:

Write a recursive program that prints the numbers in a Fibonacci Series.

Note: Unsure of what a Fibonacci series is, do a quick Google search, or talk to the person sitting beside you.

Make sure you define your base cases and your recursive steps.