## Recursive Definition for an (a raised to the n power)

an is defined as:

* If n > 0 then an is defined as a \* an-1
* If n = 0 then an is defined as 1

Write a static java method that will perform the above recursively (like we did factorial in class). The method should receive two parameters, the base and the exponent (both integers). The method should return the answer (an integer). See the definition above for the base case and the recursive case.

Now, in the main method, read a **base** from the keyboard and after that read an **exponent** from the keyboard. Please include nice prompts for the user. Call your recursive method by passing the base and exponent from the keyboard to it. Print the result of the method (from inside the main method).