**WHY IS IT A BAD IDEA TO USE RECURSION METHOD TO FIND THE FIBONACCI OF A NUMBER?**

***SOLUTION***

The Word ***Recursion*** refers to when a function calls itself from its body.

For finding the Fibonacci of a number, using the recursion method carries certain disadvantages;

* Although, through recursion one can solve problems in easy way, It sometimes challenging however, in finding the Fibonacci of a number. One must have an ‘if’ statement somewhere to force the function to return without the recursive calls being executed, otherwise the function will never return.
* For certain large numbers, recursion uses more processor time.
* Recursive solution is always logical and it is very difficult to trace. (Debug and understand).
* Recursion takes a lot of stack space