1491) Yes, there is limit for number for recursive call functions.

The number of registers in any processor is very less to handle multiple variables or operands individually.

So, we make use of system memory to store our data, which is in the case i.e., recursive function in return calls or recursive calls. For each recursive call we have to make an activation block. For finite number of recursive calls we need infinite activation blocks which require infinite stack memory which is not passible.

So, number of recursive calls you can make is equal to stack memory divided by the sixe of the block.