* #we are initializing 100 indexes as None
* memo = [None] \* 100
* def fib(n):
* #if a number is already present in a list, we retrieve it instead of calculating fib of that number
* if memo[n] is not None:
* return memo[n]
* if n == 0 or n == 1:
* return n
* memo[n] = fib(n-1) + fib(n-2)
* #in memoization, if a number is already present in a list, we retrieve it instead of
* #calculating whatever that number is
* #we are initializing 100 indexes as None
* memo = [None] \* 100



