Quiz

It's quiz time! Test yourself by solving these questions about recursion.

Recursive implementations are always less space-consuming then iterative implementations.	L
O A) True	
O B) False	
Fill in the blank for the following recursive function which calculates the power of a base raised to an exponent: def pow(base,exp): if exp == 0: return 1 else: return	
O A) base * exp	
B) base * (exp -1)* pow(base,exp)	

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C) base * pow(base, exp - 1)
         exp * pow(base, exp - 1)
      What is the output of the following code?
       def fibonacci(n):
           if n==1:
               return 0
           elif n==2:
               return 1
           else:
               return fibonacci(n-1)+fibonacci(n-2)
       print(fibonacci(7))
O A) No output
   B) 7
\bigcirc C) _0
O D) 8
      Only recursively defined functions can be implemented
```

recursively.

O A) True
O B) False
CHECK ANSWERS