Problem # 933: Number of recent calls

<https://leetcode.com/problems/number-of-recent-calls/>

My Solution:

<https://leetcode.com/problems/number-of-recent-calls/discuss/874304/Python-3-Solution-using-list-Runtime-beats-98.34>

1. In the **init** method, initialize requests list and size to 0.
2. In the ping method, when there is a ping and t is passed to it, add t to the requests lists and increment the size by 1.
3. If the first call in the requests list is more than or equal to t - 3000, then return the size.
4. Otherwise, remove from the requests list all the calls before t - 3000 and everytime a call is deleted using pop on the requests list, decrement the size by 1.  
   Return the size.

class RecentCounter:

def \_\_init\_\_(self):

self.requests = []

self.size = 0

def ping(self, t: int) -> int:

self.requests.append(t)

self.size += 1

while self.requests[0] < t - 3000:

self.requests.pop(0)

self.size -= 1

return(self.size)

# Your RecentCounter object will be instantiated and called as such:

# obj = RecentCounter()

# param\_1 = obj.ping(t)