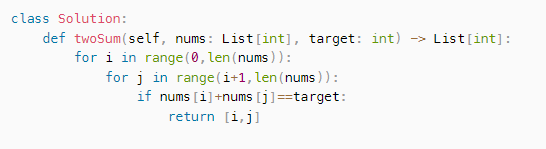
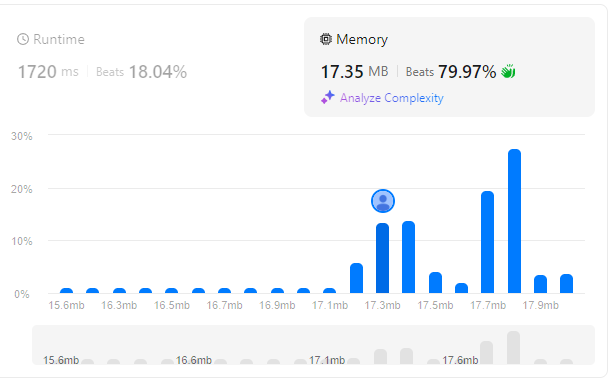
# 

# Solution



## Time and Space Complexity



Can you come up with an algorithm that is less than time complexity?

# Solution

The hash map method has been used;

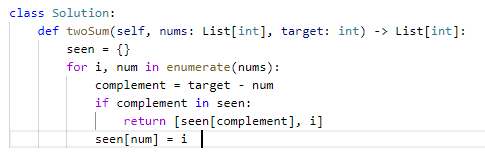
For every number num at index i, there's a number complement that you want to find, such that:

num+complement=target

So:

complement=target−num

Now the task shifts to quickly finding whether the complement has already appeared in the array.



## Time and Space Complexity

