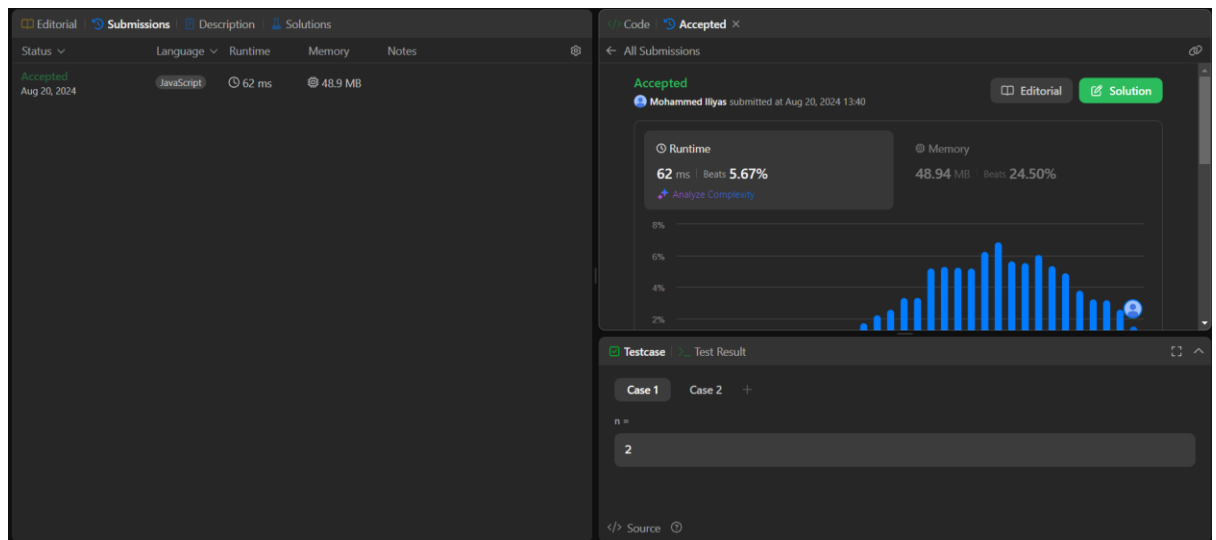
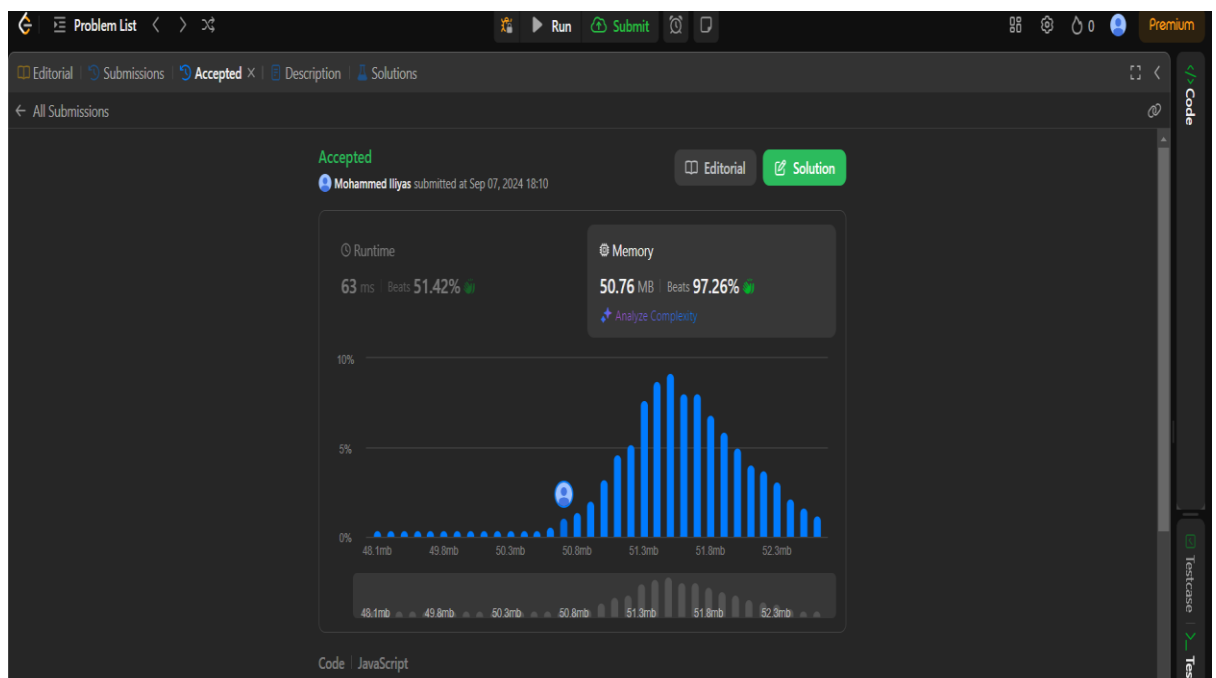


- 1) Question: <https://leetcode.com/problems/climbing-stairs/description/>
Solution: <https://leetcode.com/problems/climbing-stairs/post-solution/?submissionId=1362193879>



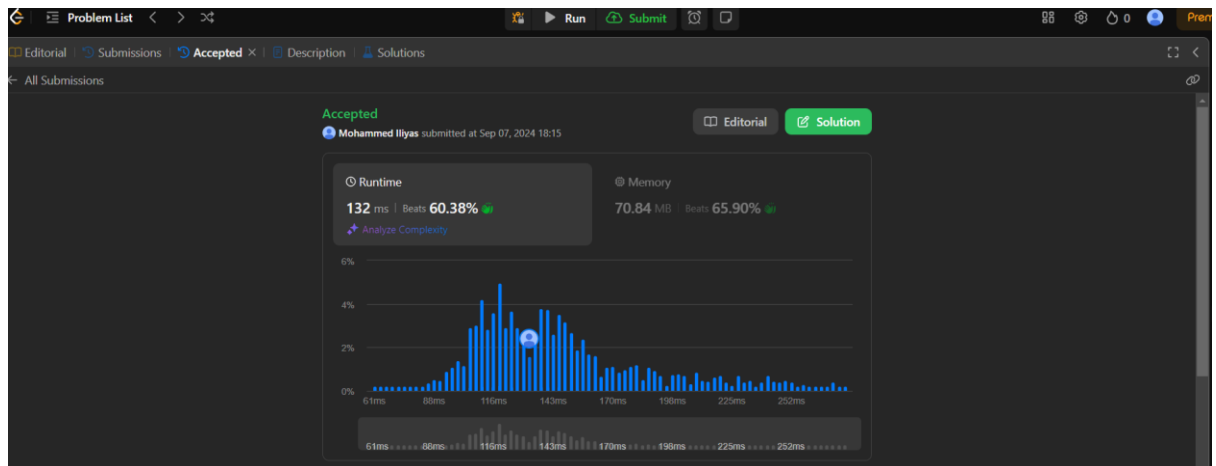
Time Complexity- $O(n)$
Space Complexity- $O(1)$

- 2) Question: <https://leetcode.com/problems/merge-two-sorted-lists/description/>
Solution: <https://leetcode.com/problems/merge-two-sorted-lists/post-solution/?submissionId=1382054152>



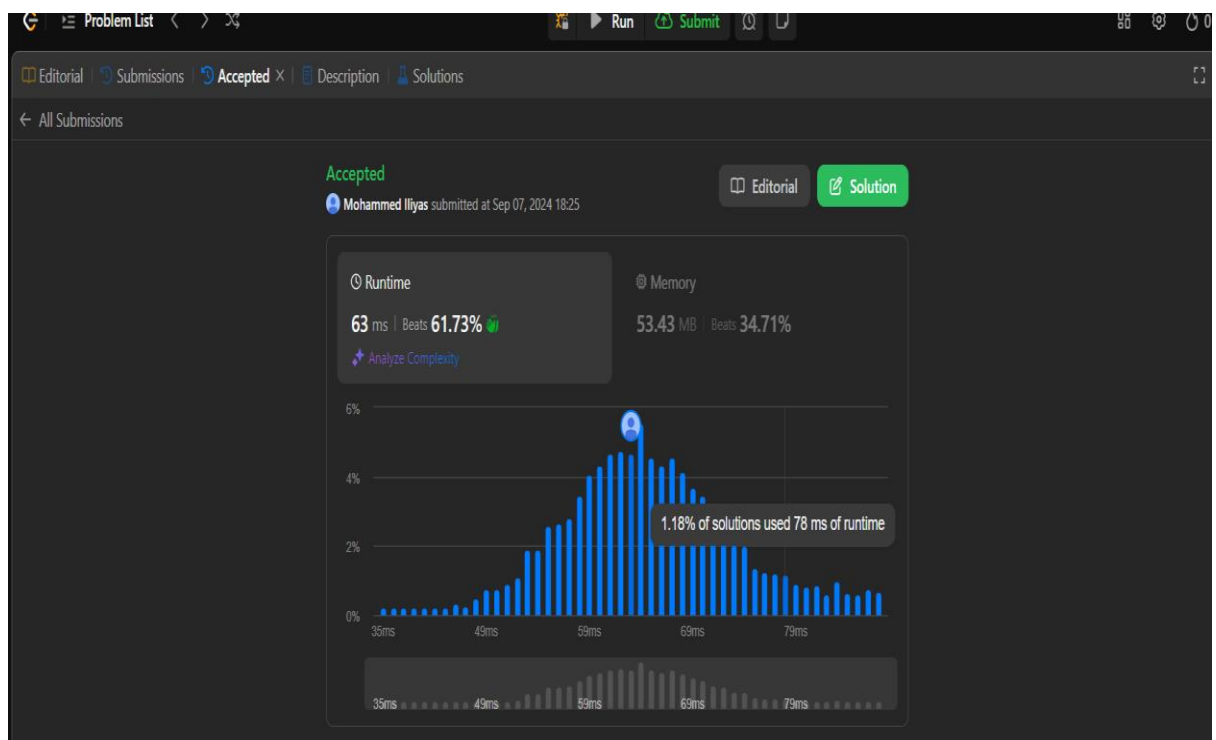
Time Complexity- $O(n+m)$
Space Complexity- $O(n+m)$

- 3) Question: <https://leetcode.com/problems/palindrome-linked-list/>
Solution: <https://leetcode.com/problems/palindrome-linked-list/post-solution/?submissionId=1382058236>



Time Complexity- $O(n)$
Space Complexity- $O(1)$

- 4) Question: <https://leetcode.com/problems/linked-list-cycle/description/>
Solution: <https://leetcode.com/problems/linked-list-cycle/post-solution/?submissionId=1382066489>



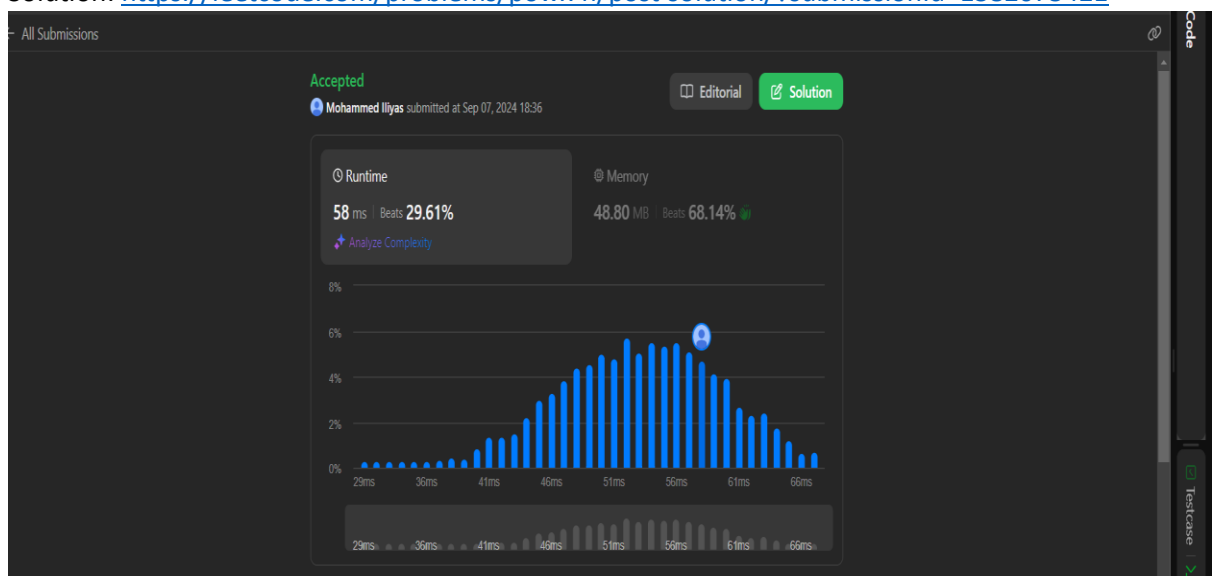
Time Complexity- $O(n)$
Space Complexity- $O(1)$

- 5) Question: <https://leetcode.com/problems/remove-nth-node-from-end-of-list/description/>
Solution: <https://leetcode.com/problems/remove-nth-node-from-end-of-list/post-solution/?submissionId=1382070239>



Time Complexity- $O(n)$
Space Complexity- $O(1)$

- 6) Question: <https://leetcode.com/problems/powx-n/description/>
Solution: <https://leetcode.com/problems/powx-n/post-solution/?submissionId=1382075421>



Time Complexity- $O(\log n)$
Space Complexity- $O(1)$