**Ground Truth of Python Code Snippets with (PEP 8 and Coding Best Practice Violations)**

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| **#** | **Problem Title** | **Difficulty** | **Description** | **LeetCode Link** | **Valuation** |
|  | Add Digits | Easy | Repeatedly add the digits of a number until it becomes a single digit. | [Link](https://leetcode.com/problems/add-digits/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | whitespace after , | | type hints Not define | | doc string Not written | | Space between operator (2)  Add meaningful comments to logic  functions input not Validate early | |
|  | Binary Search | Easy | Implement binary search on a sorted array. | [Link](https://leetcode.com/problems/binary-search/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | whitespace after , 3 | | type hints Not define | | doc string Not written | | Space between operator ( 7 )  Add meaningful comments to logic  functions input not Validate early  Unnecessary "elif" after "return" | |
|  | Contains Duplicate | Easy | Check if an array contains duplicate elements. | [Link](https://leetcode.com/problems/contains-duplicate/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | type hints Not define | | doc string Not written | | Space between operator (1)  functions input not Validate early | |
|  | Count Primes | Easy | Count the number of prime numbers less than a non-negative number. | [Link](https://leetcode.com/problems/count-primes/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (2)  whitespace after , 1 | | type hints Not define | | doc string Not written | | Space between operator ( 6 )  Add meaningful comments to logic | |
|  | Find the Difference | Easy | Find the letter added to a string compared to another. | [Link](https://leetcode.com/problems/find-the-difference/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (2) | | whitespace after , | | type hints Not define | | doc string Not written | | Import outside toplevel  Space between operator 1  functions input not Validate early | |
|  | First Bad Version | Easy | Find the first bad version in a series of versions using minimal API calls. | [Link](https://leetcode.com/problems/first-bad-version/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (2) | | whitespace after , 2 | | type hints Not define | | doc string Not written | | Space between operator (5)  Add meaningful comments to logic  Undefined variable 'isBadVersion'  functions input not Validate early | |
|  | First Unique Character in a String | Easy | Find the first non-repeating character in a string. | [Link](https://leetcode.com/problems/first-unique-character-in-a-string/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | whitespace after , | | type hints Not define | | doc string Not written | | Space between operator (2)  Add meaningful comments to logic | | Import outside toplevel  functions input not Validate early | |
|  | Fizz Buzz | Easy | Print numbers from 1 to n, replacing multiples of 3, 5, or both with "Fizz", "Buzz", or "FizzBuzz". | [Link](https://leetcode.com/problems/fizz-buzz/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | whitespace after , | | type hints Not define | | doc string Not written | | Space between operator ( 7 )  Add meaningful comments to logic  functions input not Validate early | |
|  | Happy Number | Easy | Determine if a number is "happy." | [Link](https://leetcode.com/problems/happy-number/) | |  | | --- | | Function name (\_) not snake\_case 2 | | naming conventions (2) | | type hints Not define 2 | | doc string Not written 2 | | Space between operator ( 4 )  Add meaningful comments to logic  Method inside method  functions input not Validate early | |
|  | Implement Queue using Stacks | Easy | Implement a queue using two stacks. | [Link](https://leetcode.com/problems/implement-queue-using-stacks/) | |  | | --- | | naming conventions (1) | | whitespace after , | | type hints Not define 4 | | doc string Not written 4  class doc string Not written | | Space between operator (4)  expected 1 blank line after method , found 0  expected 1 blank line after method , found 0  expected 1 blank line after method , found 0  expected 1 blank line after method , found 0  functions input not Validate early | |
|  | Intersection of Two Arrays | Easy | Find the intersection of two arrays. | [Link](https://leetcode.com/problems/intersection-of-two-arrays/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (2) | | whitespace after , | | type hints Not define | | doc string Not written | | Space between operator (&)  functions input not Validate early | |
|  | Longest Palindrome | Easy | Find the length of the longest palindrome that can be built from a string. | [Link](https://leetcode.com/problems/longest-palindrome/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | whitespace after , | | type hints Not define | | doc string Not written | | Space between operator ( 5 ) | | Import outside toplevel | | Unused variable 'char'  functions input not Validate early | |
|  | Missing Number | Easy | Find the missing number in an array of distinct numbers. | [Link](https://leetcode.com/problems/missing-number/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (2) | | type hints Not define | | doc string Not written | | Space between operator (\* // )  functions input not Validate early | |
|  | Move Zeroes | Easy | Move all zeroes to the end of an array while maintaining the order of non-zero elements. | [Link](https://leetcode.com/problems/move-zeroes/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | whitespace after , 2 | | type hints Not define | | doc string Not written | | Space between operator ( 4 )  enumerate use instead of iterating  functions input not Validate early  return nums after modification for better usability | |
|  | Nim Game | Easy | Determine if you can win the Nim game given the number of stones. | [Link](https://leetcode.com/problems/nim-game/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | type hints Not define | | doc string Not written | | Space between operator (1)  functions input not Validate early | |
|  | Power of Three | Easy | Check if a number is a power of three. | [Link](https://leetcode.com/problems/power-of-three/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | type hints Not define | | doc string Not written | | Space between operator ( 5 ) | |
|  | Power of Two | Easy | Check if a number is a power of two. | [Link](https://leetcode.com/problems/power-of-two/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | type hints Not define | | doc string Not written | | Space between operator ( 3 )  functions input not Validate early | |
|  | Ransom Note | Easy | Determine if a ransom note can be constructed from a magazine. | [Link](https://leetcode.com/problems/ransom-note/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) not snake\_case | | whitespace after , | | type hints Not define | | doc string Not written | | Import outside toplevel  Space between operator  functions input not Validate early | |
|  | Reverse Linked List | Easy | Reverse a singly linked list. | [Link](https://leetcode.com/problems/reverse-linked-list/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (2) | | whitespace after , 2 | | type hints Not define | | doc string Not written  class doc string Not written | | Space between operator (8)  expected 2 blank lines after class , found 1  Add meaningful comments to logic  functions input not Validate early | |
|  | Reverse String | Easy | Reverse a string in-place. | [Link](https://leetcode.com/problems/reverse-string/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | type hints Not define | | doc string Not written | | Space between operator (=)  return not implemented  functions input not Validate early | |
|  | Single Number | Easy | Find the single number in an array where every other number appears twice. | [Link](https://leetcode.com/problems/single-number/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | type hints Not define | | doc string Not written | | Space between operator (2)  functions input not Validate early | |
|  | Valid Anagram | Easy | Determine if two strings are anagrams of each other. | [Link](https://leetcode.com/problems/valid-anagram/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (2) | | whitespace after , in method not found | | type hints Not define | | doc string Not written | | Space between operator (1)  functions input not Validate early | |
|  | Valid Palindrome | Easy | Check if a string is a valid palindrome after removing non-alphanumeric characters. | [Link](https://leetcode.com/problems/valid-palindrome/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (2) | | type hints Not define | | doc string Not written | | Space between operator (2)  Add meaningful comments to logic  functions input not Validate early | |
|  | Valid Perfect Square | Easy | Check if a number is a perfect square. | [Link](https://leetcode.com/problems/valid-perfect-square/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (2)  whitespace after , 2 | | type hints Not define | | doc string Not written | | Space between operator ( 6 )  Add meaningful comments to logic  Unnecessary "else" after "return" | |
|  | Word Pattern | Easy | Check if a string follows a given pattern. | [Link](https://leetcode.com/problems/word-pattern/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (3) | | whitespace after , 3 | | type hints Not define | | doc string Not written | | Space between operator ( 7 )  Add meaningful comments to logic | |
|  | Alien Dictionary | Hard | Reconstruct the order of letters in an alien language. | [Link](https://leetcode.com/problems/alien-dictionary/) | |  | | --- | | Function name (\_) not snake\_case | | whitespace after , 4  whitespace after : | | type hints Not define | | doc string Not written | | Space between operator (11)  Add meaningful comments to logic  Import outside toplevel  functions input not Validate early | |
|  | Best Time to Buy and Sell Stock IV | Hard | Maximize profit by buying and selling stocks at most k times. | [Link](https://leetcode.com/problems/best-time-to-buy-and-sell-stock-iv/) | |  | | --- | | Function name (\_) not snake\_case | | whitespace after , 6  whitespace after : | | type hints Not define | | doc string Not written | | Space between operator (6)  Add meaningful comments to logic | |
|  | Binary Tree Maximum Path Sum | Hard | Find the maximum path sum in a binary tree. | [Link](https://leetcode.com/problems/binary-tree-maximum-path-sum/) | |  | | --- | | Function name (\_) not snake\_case | | whitespace after , 7 | | type hints Not define 2 | | doc string Not written 2  class doc string Not written | | Space between operator (7)  expected 2 blank lines, found 1  Add meaningful comments to logic  functions input not Validate early  Method inside method | |
|  | Burst Balloons | Hard | Maximize coins by bursting balloons in a specific order. | [Link](https://leetcode.com/problems/burst-balloons/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (3) | | whitespace after , 3 | | type hints Not define | | doc string Not written | | Space between operator (5)  Add meaningful comments to logic  line too long (108 > 79 characters)  functions input not Validate early | |
|  | Count of Smaller Numbers After Self | Hard | Count the number of smaller elements to the right of each element in an array. | [Link](https://leetcode.com/problems/count-of-smaller-numbers-after-self/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | whitespace after , 1 | | type hints Not define 2 | | doc string Not written 2 | | Space between operator (15)  Add meaningful comments to logic  Method inside method | |
|  | Edit Distance | Hard | Compute the minimum number of operations to convert one string to another. | [Link](https://leetcode.com/problems/edit-distance/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (3) | | whitespace after , 7 | | type hints Not define | | doc string Not written | | Space between operator (7)  Add meaningful comments to logic  functions input not Validate early | |
|  | Find Median from Data Stream | Hard | Design a data structure to find the median of a stream of numbers. | [Link](https://leetcode.com/problems/find-median-from-data-stream/) | |  | | --- | | Function name (\_) not snake\_case 2 | | whitespace after , 4 | | type hints Not define 2 | | doc string Not written 2  class doc string Not written | | Space between operator (4)  Add meaningful comments to logic  functions input not Validate early  expected 2 blank lines, found 1  expected 1 blank line, found 0  expected 1 blank line, found 0 | |
|  | Largest Rectangle in Histogram | Hard | Find the largest rectangle area in a histogram. | [Link](https://leetcode.com/problems/largest-rectangle-in-histogram/) | |  | | --- | | Function name (\_) not snake\_case  naming conventions (1) | | whitespace after , 3 | | type hints Not define | | doc string Not written | | Space between operator (9)  Add meaningful comments to logic  functions input not Validate early | |
|  | Longest Increasing Path in a Matrix | Hard | Find the longest increasing path in a matrix. | [Link](https://leetcode.com/problems/longest-increasing-path-in-a-matrix/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (7) | | whitespace after , 17 | | type hints Not define 2 | | doc string Not written 2 | | Space between operator (13)  Add meaningful comments to logic  Method inside method  expected 1 blank line before a nested definition, found 0 | |
|  | Longest Valid Parentheses | Hard | Find the length of the longest valid parentheses substring. | [Link](https://leetcode.com/problems/longest-valid-parentheses/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | whitespace after , 1 | | type hints Not define | | doc string Not written | | Space between operator (4)  Add meaningful comments to logic  functions input not Validate early  Consider using enumerate instead of iterating with range and len | |
|  | Maximal Rectangle | Hard | Find the largest rectangle containing only 1s in a binary matrix. | [Link](https://leetcode.com/problems/maximal-rectangle/) | |  | | --- | | Function name (\_) not snake\_case  naming conventions (2) | | whitespace after , 2 | | type hints Not define | | doc string Not written | | Space between operator (9)  Add meaningful comments to logic  Consider using enumerate instead of iterating with range and len | |
|  | Median of Two Sorted Arrays | Hard | Find the median of two sorted arrays. | [Link](https://leetcode.com/problems/median-of-two-sorted-arrays/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (2) | | whitespace after , | | type hints Not define | | doc string Not written | | Space between operator (4)  functions input not Validate early  Unnecessary "else" after "return" | |
|  | Merge k Sorted Lists | Hard | Merge k sorted linked lists into one sorted list. | [Link](https://leetcode.com/problems/merge-k-sorted-lists/) | |  | | --- | | Function name (\_) not snake\_case  naming conventions (1) | | whitespace after , 3 | | type hints Not define | | doc string Not written  class doc string Not written | | Space between operator (8)  expected 2 blank lines, found 1  expected 2 blank lines, found 1  Add meaningful comments to logic  Redefining built-in 'next'  functions input not Validate early | |
|  | Minimum Window Substring | Hard | Find the smallest substring of a string that contains all characters of another string. | [Link](https://leetcode.com/problems/minimum-window-substring/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | whitespace after , 2 | | type hints Not define | | doc string Not written | | Space between operator (24)  Add meaningful comments to logic  functions input not Validate early  line too long (81 > 79 characters)  Import outside toplevel | |
|  | Regular Expression Matching | Hard | Implement regular expression matching with support for . and \*. | [Link](https://leetcode.com/problems/regular-expression-matching/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (2) | | whitespace after , 5 | | type hints Not define | | doc string Not written | | Space between operator (3)  Add meaningful comments to logic  Unnecessary "else" after "return" | |
|  | Remove Invalid Parentheses | Hard | Remove the minimum number of invalid parentheses to make the input string valid. | [Link](https://leetcode.com/problems/remove-invalid-parentheses/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | whitespace after , 1 | | type hints Not define 2 | | doc string Not written 2 | | Space between operator (11)  Add meaningful comments to logic  Consider using enumerate instead of iterating with range and len  Method inside method  functions input not Validate early | |
|  | Reverse Nodes in k-Group | Hard | Reverse nodes of a linked list in groups of k. | [Link](https://leetcode.com/problems/reverse-nodes-in-k-group/) | |  | | --- | | Function name (\_) not snake\_case | | whitespace after , 3 | | type hints Not define 2 | | doc string Not written 2  class doc string Not written | | Space between operator (15)  expected 2 blank lines, found 1  Add meaningful comments to logic  Redefining built-in 'next'  functions input not Validate early  Method inside method | |
|  | Russian Doll Envelopes | Hard | Find the maximum number of envelopes that can be nested inside each other. | [Link](https://leetcode.com/problems/russian-doll-envelopes/) | |  | | --- | | Function name (\_) not snake\_case  naming conventions (1) | | whitespace after , 5 | | type hints Not define | | doc string Not written | | Space between operator (9)  Add meaningful comments to logic  functions input not Validate early | |
|  | Serialize and Deserialize Binary Tree | Hard | Serialize and deserialize a binary tree. | [Link](https://leetcode.com/problems/serialize-and-deserialize-binary-tree/) | Function name (\_) not snake\_case   |  | | --- | | whitespace after , 5 | | type hints Not define 3 | | doc string Not written 3  class doc string Not written 2 | | Space between operator (9)  expected 2 blank lines, found 1  expected 1 blank line, found 0  Add meaningful comments to logic  functions input not Validate early 2  Method inside method | |
|  | Sliding Window Maximum | Hard | Find the maximum in each sliding window of size k. | [Link](https://leetcode.com/problems/sliding-window-maximum/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (3) | | whitespace after , 2 | | type hints Not define | | doc string Not written | | Space between operator (5)  Add meaningful comments to logic  Import outside toplevel  functions input not Validate early | |
|  | The Skyline Problem | Hard | Compute the skyline formed by a set of buildings. | [Link](https://leetcode.com/problems/the-skyline-problem/) | |  | | --- | | Function name (\_) not snake\_case | | whitespace after , 12 | | type hints Not define | | doc string Not written | | Space between operator (5)  Add meaningful comments to logic  Import outside toplevel  functions input not Validate early | |
|  | Trapping Rain Water | Hard | Compute how much water can be trapped between bars. | [Link](https://leetcode.com/problems/trapping-rain-water/) | Function name (\_) not snake\_case   |  | | --- | | whitespace after , 6 | | type hints Not define | | doc string Not written | | Space between operator (11)  Add meaningful comments to logic | |
|  | Wildcard Matching | Hard | Implement wildcard pattern matching with support for ? and \*. | [Link](https://leetcode.com/problems/wildcard-matching/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (3) | | whitespace after , 4 | | type hints Not define | | doc string Not written | | Space between operator (9)  Add meaningful comments to logic  functions input not Validate early | |
|  | Word Ladder II | Hard | Find all shortest transformation sequences from a start word to an end word. | [Link](https://leetcode.com/problems/word-ladder-ii/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (3) | | whitespace after , 6 | | type hints Not define 2 | | doc string Not written 2 | | Space between operator (12)  Add meaningful comments to logic  Import outside toplevel  Method inside method  expected 1 blank line before a nested definition, found 0  Too many local variables (16/15) | |
|  | Word Search II | Hard | Find all words in a 2D board that exist in a dictionary. | [Link](https://leetcode.com/problems/word-search-ii/) | |  | | --- | | Function name (\_) not snake\_case  naming conventions (6) | | whitespace after , 19 | | type hints Not define 3 | | doc string Not written 3  class doc string Not written | | Space between operator (21)  Add meaningful comments to logic  Class inside method  functions input not Validate early  expected 1 blank line before a nested definition, found 0  expected 1 blank line before a nested definition, found 0 | |
|  | 3Sum | Medium | Find all unique triplets in an array that sum to zero. | [Link](https://leetcode.com/problems/3sum/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | whitespace after , 4 | | type hints Not define | | doc string Not written | | Space between operator (18)  Add meaningful comments to logic  functions input not Validate early | |
|  | Add Two Numbers | Medium | Add two numbers represented by linked lists. | [Link](https://leetcode.com/problems/add-two-numbers/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (2) number ? | | whitespace after , 3 | | type hints Not define | | doc string Not written  class doc string Not written | | Space between operator ( 15 )  expected 2 blank lines after class , found 1  Add meaningful comments to logic  Redefining built-in 'next'  functions input not Validate early | |
|  | Combination Sum | Medium | Find all unique combinations of numbers that sum to a target. | [Link](https://leetcode.com/problems/combination-sum/) | |  | | --- | | Function name (\_) not snake\_case | | whitespace after , 8 | | type hints Not define 2 | | doc string Not written 2  class doc string Not written | | Space between operator ( 3 )  expected 1 blank line before a nested definition, found 0  Add meaningful comments to logic  Method inside method  functions input not Validate early | |
|  | Container With Most Water | Medium | Find two lines that form the largest container with the x-axis. | [Link](https://leetcode.com/problems/container-with-most-water/) | |  | | --- | | Function name (\_) not snake\_case | | whitespace after , 4 | | type hints Not define | | doc string Not written | | Space between operator ( 6 )  Add meaningful comments to logic  functions input not Validate early | |
|  | Decode Ways | Medium | Count the number of ways to decode a string of digits. | [Link](https://leetcode.com/problems/decode-ways/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (2) | | whitespace after , 6 | | type hints Not define | | doc string Not written | | Space between operator (9)  Add meaningful comments to logic | |
|  | Find First and Last Position of Element in Sorted Array | Medium | Find the starting and ending positions of a target in a sorted array. | [Link](https://leetcode.com/problems/find-first-and-last-position-of-element-in-sorted-array/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | whitespace after , 11 | | type hints Not define 2 | | doc string Not written 2 | | Space between operator ( 15 )  expected 1 blank line before a nested definition, found 0  Add meaningful comments to logic  Method inside method 2  functions input not Validate early | |
|  | Generate Parentheses | Medium | Generate all valid combinations of n pairs of parentheses. | [Link](https://leetcode.com/problems/generate-parentheses/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | whitespace after , 8 | | type hints Not define 2 | | doc string Not written 2 | | Space between operator ( 4 )  Add meaningful comments to logic  Method inside method  expected 1 blank line before a nested definition, found 0  functions input not Validate early | |
|  | Group Anagrams | Medium | Group anagrams together from a list of strings. | [Link](https://leetcode.com/problems/group-anagrams/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | type hints Not define | | doc string Not written | | Space between operator (2 ) | | Import outside toplevel  functions input not Validate early | |
|  | Jump Game | Medium | Determine if you can reach the last index of an array by jumping. | [Link](https://leetcode.com/problems/jump-game/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | whitespace after , 5 | | type hints Not define | | doc string Not written | | Space between operator ( 4 )  Add meaningful comments to logic  functions input not Validate early | |
|  | Letter Combinations of a Phone Number | Medium | Generate all possible letter combinations from a phone number. | [Link](https://leetcode.com/problems/letter-combinations-of-a-phone-number/) | |  | | --- | | Function name (\_) not snake\_case 2 | | whitespace after , 10 | | whitespace after : 8 | | type hints Not define 2 | | doc string Not written 2 | | Space between operator ( 3 )  Add meaningful comments to logic  Method inside method  expected 1 blank line before a nested definition, found 0  line too long (104 > 79 characters) | |
|  | Linked List Cycle II | Medium | Detect the start of a cycle in a linked list. | [Link](https://leetcode.com/problems/linked-list-cycle-ii/) | |  | | --- | | Function name (\_) not snake\_case | | whitespace after , 2 | | type hints Not define | | doc string Not written  class doc string Not written | | Space between operator (11)  expected 2 blank lines, found 1  Add meaningful comments to logic  Redefining built-in 'next'  functions input not Validate early | |
|  | Longest Palindromic Substring | Medium | Find the longest palindromic substring in a string. | [Link](https://leetcode.com/problems/longest-palindromic-substring/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | whitespace after , 6 | | type hints Not define 2 | | doc string Not written 2 | | Space between operator ( 8 )  Add meaningful comments to logic  Method inside method  functions input not Validate early | |
|  | Longest Substring Without Repeating Characters | Medium | Find the length of the longest substring without repeating characters. | [Link](https://leetcode.com/problems/longest-substring-without-repeating-characters/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | whitespace after , | | type hints Not define | | doc string Not written | | Space between operator ( 5 )  Add meaningful comments to logic  Consider using enumerate instead of iterating with range and len  functions input not Validate early | |
|  | Maximum Product Subarray | Medium | Find the contiguous subarray with the largest product. | [Link](https://leetcode.com/problems/maximum-product-subarray/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | whitespace after , 5 | | type hints Not define | | doc string Not written | | Space between operator ( 8 )  Add meaningful comments to logic | |
|  | Merge Intervals | Medium | Merge overlapping intervals. | [Link](https://leetcode.com/problems/merge-intervals/) | Function name (\_) not snake\_case   |  | | --- | | whitespace after , | | whitespace after : | | type hints Not define | | doc string Not written | | Space between operator ( 3 )  Add meaningful comments to logic  functions input not Validate early | |
|  | Minimum Path Sum | Medium | Find the minimum sum of a path from the top-left to the bottom-right of a grid. | [Link](https://leetcode.com/problems/minimum-path-sum/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (2) | | whitespace after , 6 | | type hints Not define | | doc string Not written | | Space between operator (6)  Add meaningful comments to logic  functions input not Validate early | |
|  | Permutations | Medium | Generate all permutations of a list of numbers. | [Link](https://leetcode.com/problems/permutations/) | Function name (\_) not snake\_case   |  | | --- | | naming conventions (1) | | whitespace after , 3 | | type hints Not define | | doc string Not written | | Space between operator (1)  expected 1 blank line before a nested definition, found 0  Consider using enumerate instead of iterating with range and len  Add meaningful comments to logic  functions input not Validate early | |
|  | Remove Nth Node From End of List | Medium | Remove the nth node from the end of a linked list. | [Link](https://leetcode.com/problems/remove-nth-node-from-end-of-list/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | whitespace after , 4 | | type hints Not define | | doc string Not written  class doc string Not written | | Space between operator ( 9 )  expected 2 blank lines after class , found 1  Add meaningful comments to logic  Redefining built-in 'next'  functions input not Validate early | |
|  | Rotate Image | Medium | Rotate a 2D matrix by 90 degrees clockwise. | [Link](https://leetcode.com/problems/rotate-image/) | Function name (\_) not snake\_case   |  | | --- | | whitespace after ,  naming conventions (1) | | type hints Not define | | doc string Not written | | Space between operator ( 6 )  Add meaningful comments to logic  return not implemented  functions input not Validate early | |
|  | Search in Rotated Sorted Array | Medium | Search for a target in a rotated sorted array. | [Link](https://leetcode.com/problems/search-in-rotated-sorted-array/) | Function name (\_) not snake\_case   |  | | --- | | naming conventions (1) | | whitespace after , 3 | | type hints Not define | | doc string Not written | | Space between operator ( 13 )  Add meaningful comments to logic  functions input not Validate early | |
|  | Sort Colors | Medium | Sort an array of 0s, 1s, and 2s in-place. | [Link](https://leetcode.com/problems/sort-colors/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | whitespace after , 8 | | type hints Not define | | doc string Not written | | Space between operator (10)  Add meaningful comments to logic  return not implemented  functions input not Validate early | |
|  | Subsets | Medium | Generate all possible subsets of a set of numbers. | [Link](https://leetcode.com/problems/subsets/) | |  | | --- | | naming conventions (1) | | whitespace after , 4 | | type hints Not define 2 | | doc string Not written 2 | | Space between operator (1)  expected 1 blank line before a nested definition, found 0  Add meaningful comments to logic  Method inside method  functions input not Validate early | |
|  | Swap Nodes in Pairs | Medium | Swap every two adjacent nodes in a linked list. | [Link](https://leetcode.com/problems/swap-nodes-in-pairs/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (1) | | whitespace after , 3 | | type hints Not define 2 | | doc string Not written 2  class doc string Not written | | Space between operator ( 4 )  expected 1 blank line before a nested definition, found 0  Add meaningful comments to logic  Method inside method  functions input not Validate early | |
|  | Unique Paths | Medium | Count the number of unique paths from the top-left to the bottom-right of a grid. | [Link](https://leetcode.com/problems/unique-paths/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (3) | | whitespace after , 3 | | type hints Not define | | doc string Not written | | Space between operator (6)  Add meaningful comments to logic  functions input not Validate early | |
|  | Word Break | Medium | Determine if a string can be segmented into words from a dictionary. | [Link](https://leetcode.com/problems/word-break/) | |  | | --- | | Function name (\_) not snake\_case | | naming conventions (3) | | whitespace after , 2 | | type hints Not define | | doc string Not written | | Space between operator 7  Add meaningful comments to logic  functions input not Validate early | |