

Total Problems: **50**

Python Intermediate Coding Problems

Total Points Scored: **526/525**

1. Compute the Binomial Coefficient

[GOOGLE](#)[MICROSOFT](#)[+ 1 MORE](#)[HARD](#)[106](#)[49.06](#)

2. Check if a List Contains a Sublist

[GOOGLE](#)[TCS \(TATA CONSULTANCY SERVICES\)](#)[+ 2 MORE](#)[MEDIUM](#)[89](#)[32.58](#)

3. Convert a String into a Camel Case Format

[DELOITTE](#)[SNOWFLAKE](#)[+ 2 MORE](#)[MEDIUM](#)[47](#)[55.32](#)

4. Generate Random Passwords

[GOLDMAN SACHS](#)[GOOGLE](#)[+ 2 MORE](#)



MEDIUM

37

43.24

5. Convert a Number to Words

PWC

SNOWFLAKE

+ 2 MORE



MEDIUM

25

28

6. Check if Two Strings are Rotations of Each Other

KPMG

SNOWFLAKE

+ 1 MORE



MEDIUM

33

39.39

7. Flatten a Nested List

CAPGEMINI

DROPBOX

+ 2 MORE



MEDIUM

17

76.47

8. Find All Substrings of a Given String

DELOITTE

DROPBOX

+ 1 MORE



MEDIUM

15

86.67

9. Sum of Digits of a Given Number Recursively

IBM

WIPRO

+ 2 MORE



MEDIUM

24

41.67

10. Find the Kth Smallest Element in a List

PWC

TUTORIALSPPOINT

+ 1 MORE



MEDIUM

16

81.25

11. Implement a Simple Calculator Using Functions

COGNIZANT

WIPRO

+ 3 MORE



MEDIUM

12

75

12. Implement a Function to Check if a Number is a Palindrome

CAPGEMINI

COGNIZANT

+ 2 MORE



MEDIUM

21

61.9

13. Implement a Function to Compute the Nth Triangular Number

DROPBOX

EBAY

+ 2 MORE



MEDIUM

12

66.67

14. Implement a Recursive Function for Fibonacci Numbers

SNOWFLAKE

WALMART

+ 2 MORE



MEDIUM

10

60

15. Recursive Function to Compute Factorial

TUTORIALSPOINT

WALMART

+ 2 MORE



MEDIUM

12

75

16. Bubble Sort Algorithm

CAPGEMINI

SNOWFLAKE

+ 3 MORE



MEDIUM

16

68.75

17. Quick Sort Algorithm

DROPBOX

EY

+ 2 MORE



MEDIUM

17

47.06

18. Implement Merge Sort Algorithm

ADOBE

EY

+ 3 MORE



MEDIUM

10

60

19. Insertion Sort Algorithm

HCL TECHNOLOGIES

IBM

+ 3 MORE



MEDIUM

15

40

20. Selection Sort Algorithm

EY

SNOWFLAKE

+ 3 MORE



MEDIUM

7

57.14

21. Sort a Dictionary by Its Values

ACCENTURE

SNOWFLAKE

+ 2 MORE



MEDIUM

16

50

22. Sort a Dictionary by Its Keys

GOLDMAN SACHS

SNOWFLAKE

+ 2 MORE



MEDIUM

13

53.85

23. Convert a Dictionary to a List of Tuples

GOLDMAN SACHS

DICTIONARIES

+ 1 MORE



HARD

12

58.33

24. Merge Two Dictionaries into One

DELOITTE

DICTIONARIES



MEDIUM

8

87.5

25. Find the First Non-Repeating Character in a String

TECH MAHINDRA

DICTIONARIES

+ 1 MORE



MEDIUM

13

30.77

26. LFU Cache

EBAY

SWIGGY

+ 2 MORE



MEDIUM

5

40

27. Critical Connections in a Network

IBM

LTIMINDTREE

+ 2 MORE



MEDIUM

4

75

28. Word Search II

PHILLIPS

SNOWFLAKE

+ 2 MORE



MEDIUM

4

75

29. AVL Tree for Self-Balancing

EY

SAMSUNG

+ 1 MORE



MEDIUM

3

66.67

30. Alien Dictionary Problem

PWC

SWIGGY

+ 2 MORE



MEDIUM

5

40

31. Search Autocomplete System

KPMG

SAMSUNG

+ 2 MORE



MEDIUM

2

50

32. Smallest Window in a String

GOOGLE

TECH MAHINDRA

+ 2 MORE



MEDIUM

8

12.5

33. Text Editor with Undo/Redo Functionality

LTIMINDTREE

TECH MAHINDRA

+ 2 MORE



MEDIUM

2

50

34. Sliding Puzzle Problem

DELOITTE

GOLDMAN SACHS

+ 2 MORE



MEDIUM

6

16.67

35. Distributed Key-Value Store

EBAY

SAMSUNG

+ 1 MORE



MEDIUM

2

100

36. Word Break Problem

HCL TECHNOLOGIES

ZOMATO

+ 2 MORE



MEDIUM

2

100

37. Priority Queue Using a Heap

SHOPIFY

TECH MAHINDRA

+ 2 MORE



MEDIUM

2

100

38. Maximum Product of a Subarray

EBAY FACEBOOK + 1 MORE



MEDIUM 3 66.67

39. Hash Map Without Using Built-in Hash Table Libraries

EBAY GOOGLE + 2 MORE



MEDIUM 2 100

40. Circular Buffer (Circular Queue)

ADOBE TECH MAHINDRA + 2 MORE



MEDIUM 2 50

41. Number of Islands in a 2D Grid

HCL TECHNOLOGIES TCS (TATA CONSULTANCY SERVICES) + 2 MORE



MEDIUM 3 66.67

42. Binary Search Tree with Insert and Delete Operations

APPLE IBM + 2 MORE



MEDIUM 2 100

43. Validate Binary Search Tree

AIRBNB CAPGEMINI + 2 MORE



MEDIUM 2 100

44. Group Anagrams from a List of Strings

DROPBOX HCL TECHNOLOGIES + 2 MORE



MEDIUM 2 100

45. image testing

TUTORIALSPPOINT

ARRAYS



BASIC

4

75

46. Peak Element in a List

EBAY

GOOGLE

+ 1 MORE



MEDIUM

3

66.67

47. Caesar Cipher Encryption and Decryption

ACCENTURE

SWIGGY

+ 2 MORE



MEDIUM

2

100

48. Password Strength Checker

ACCENTURE

SHOPIFY

+ 1 MORE



MEDIUM

2

100

49. Target Sum

PWC

WIPRO

+ 1 MORE



MEDIUM

3

100

50. Convert Binary Search Tree to Sorted Doubly Linked List

DELOITTE

GOOGLE

+ 2 MORE



MEDIUM

5

60

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Python Tutorial
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CSS Tutorial
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