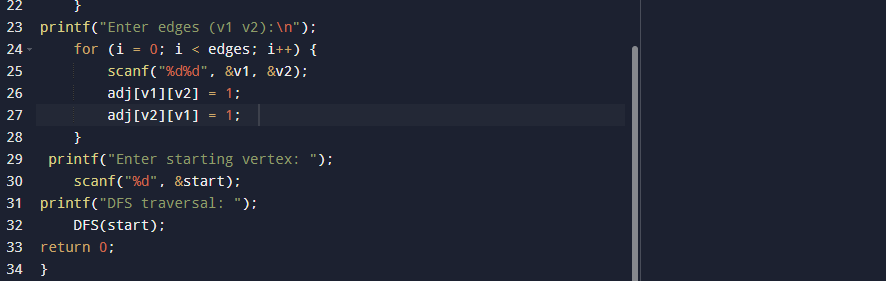
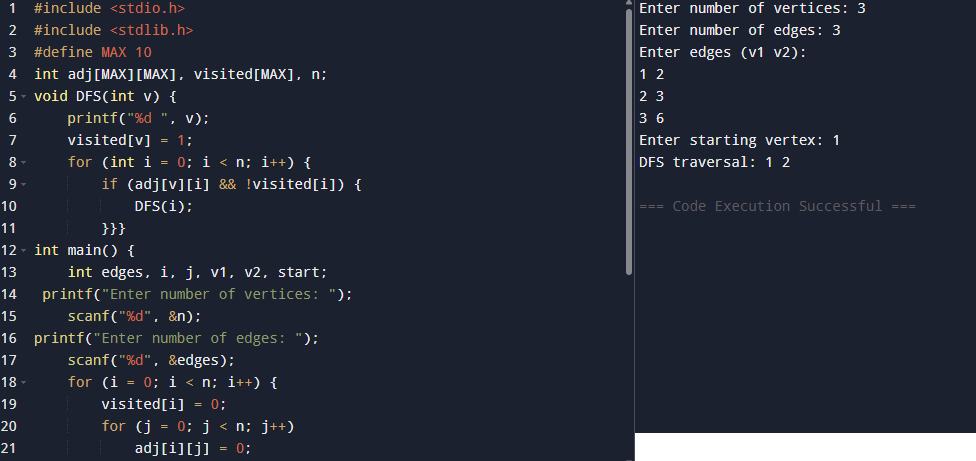
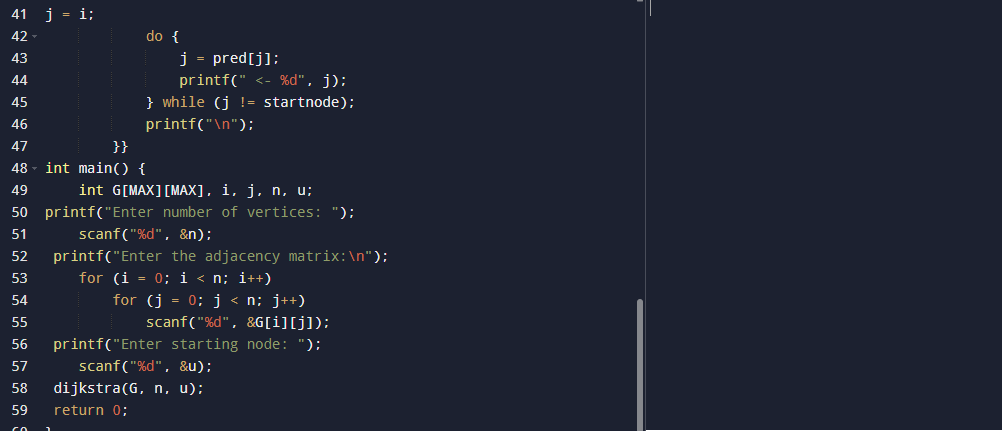
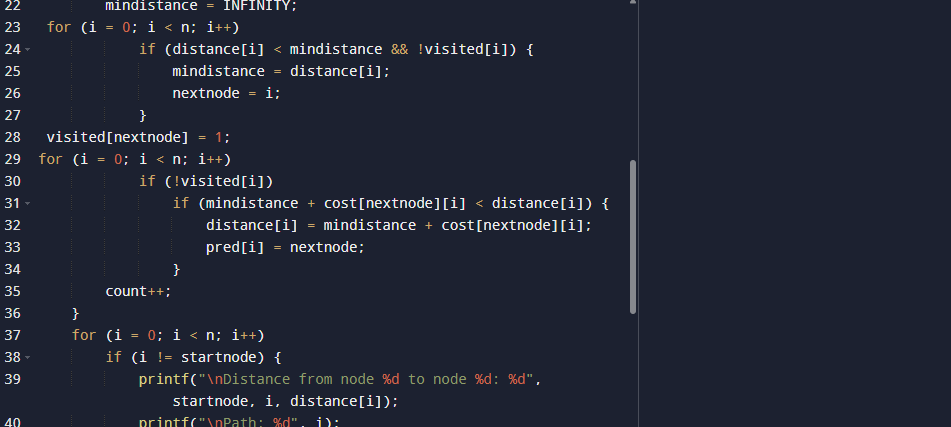
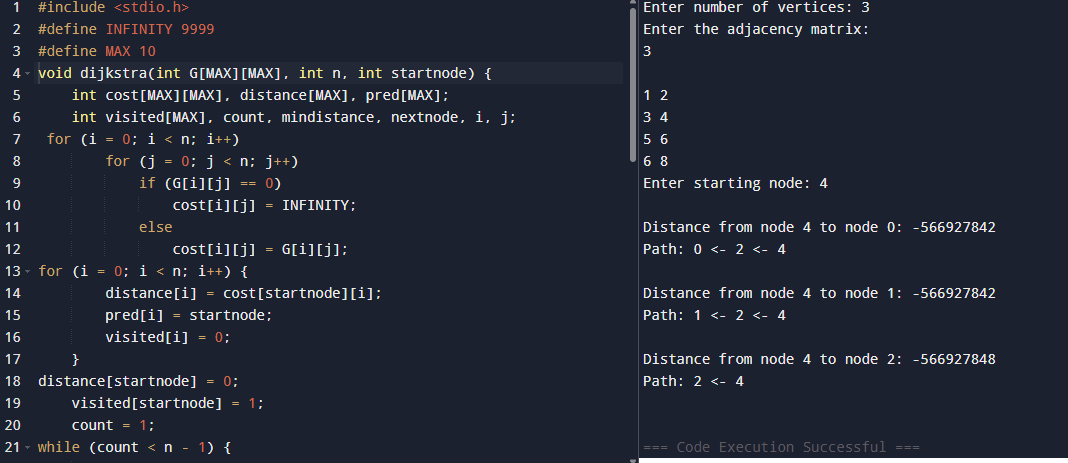
1 . Write a C program to Graph traversal using Depth First Search.

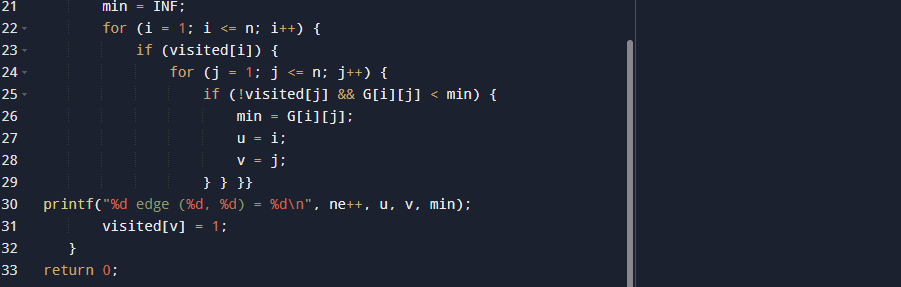
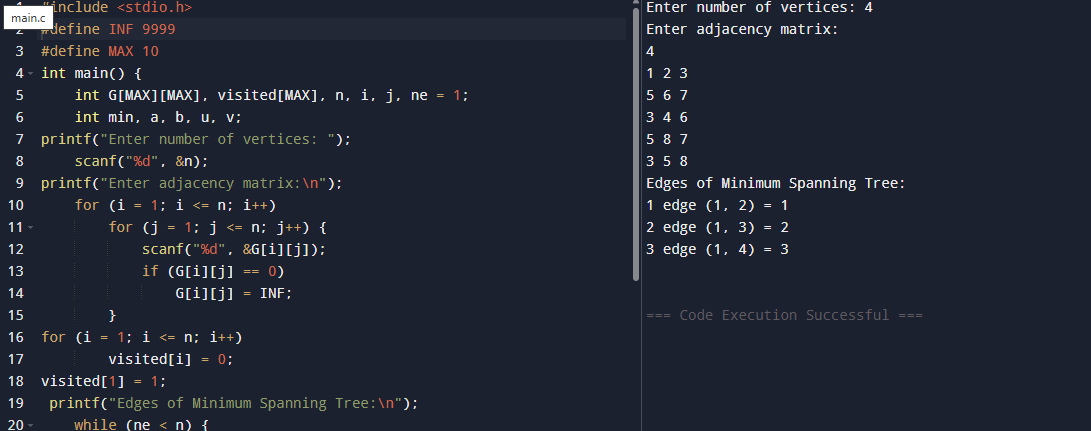


RESULT : Code executed successfully.

2. Implementation of Shortest Path Algorithms using Dijkstra’s Algorithm.

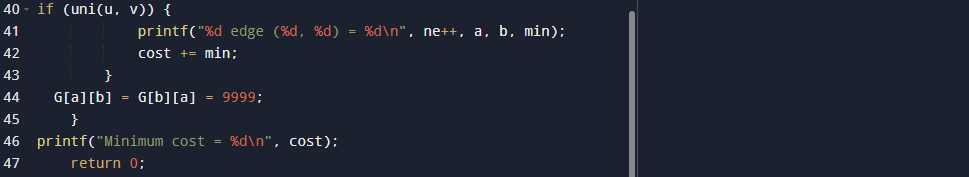
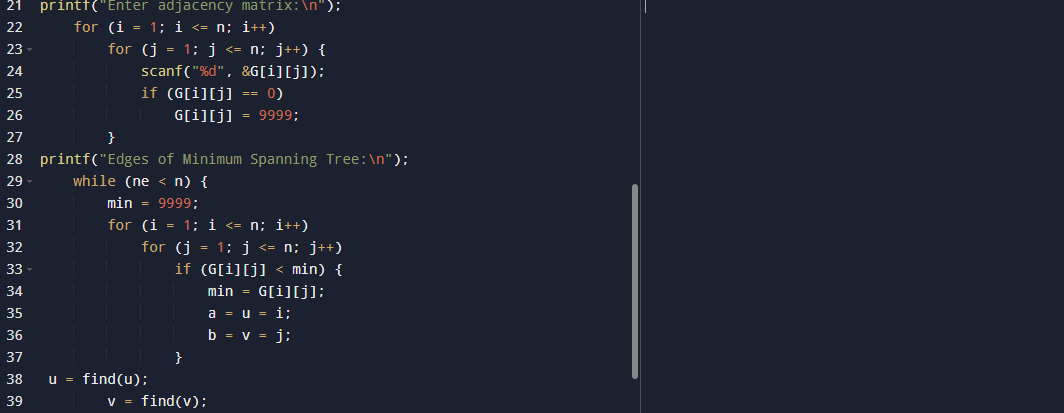
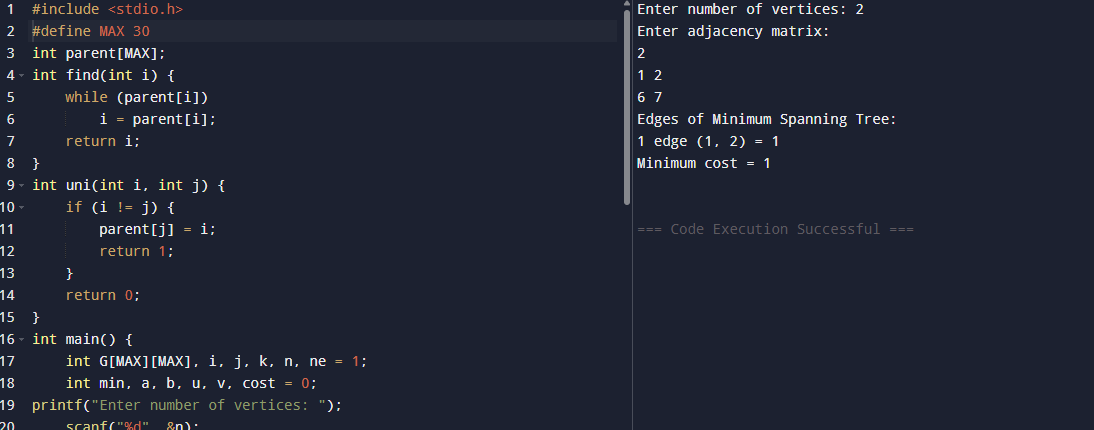


3 . Implementation of Minimum Spanning Tree using Prim’sAlgorithm.



Result: code executed successfully.

4. Implementation of Minimum Spanning Tree using Kruskal Algorithm.

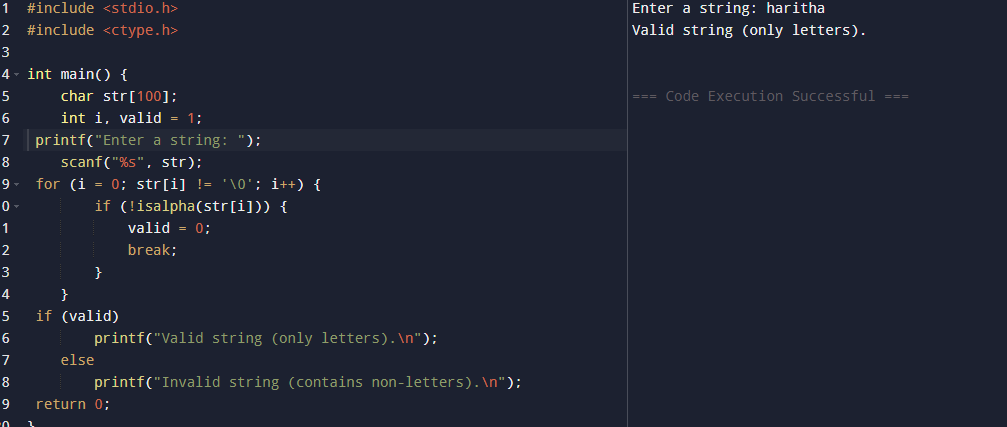


Result: code executed successfully.

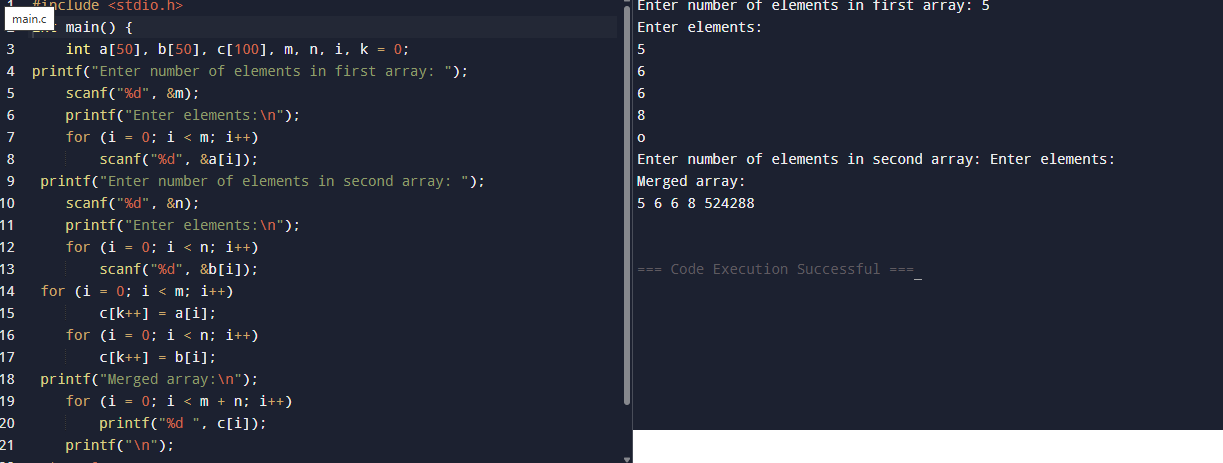
5. Reversing a 32bit signed integers



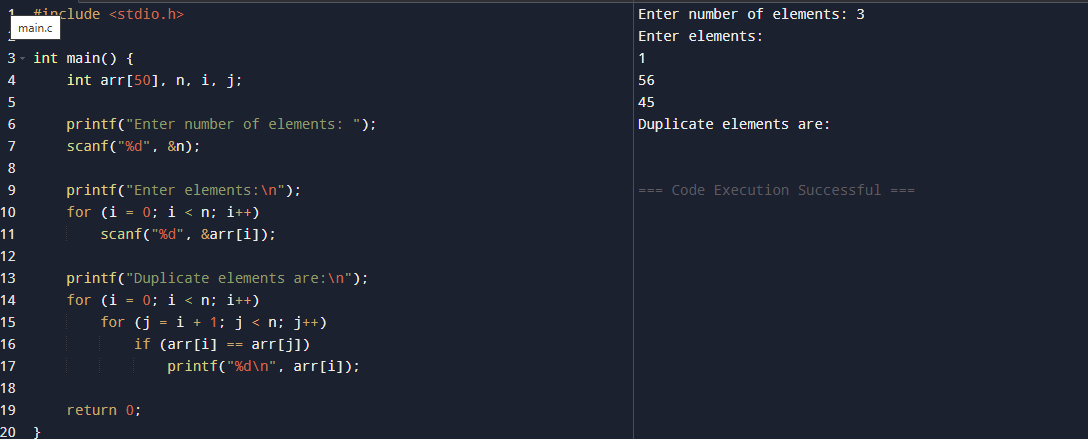
6. Check for a valid String



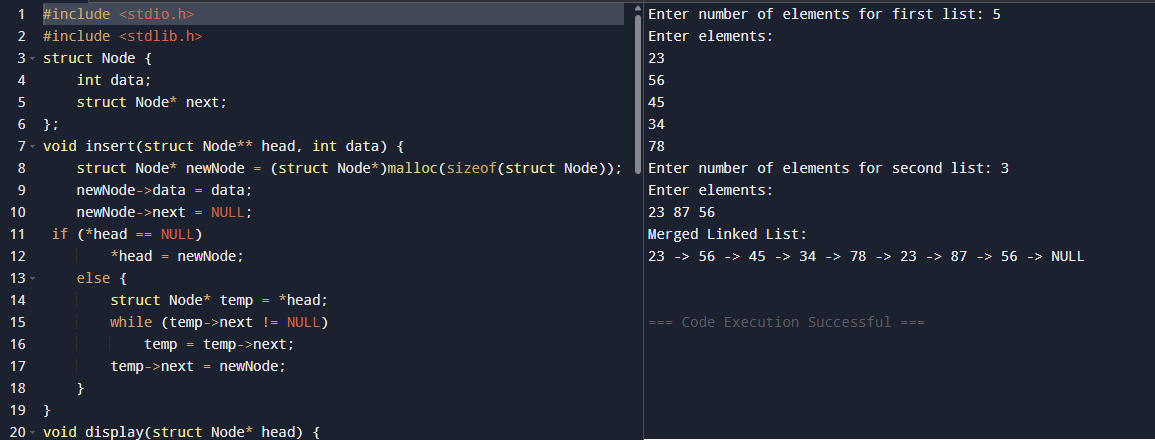
7. Merging two Arrays

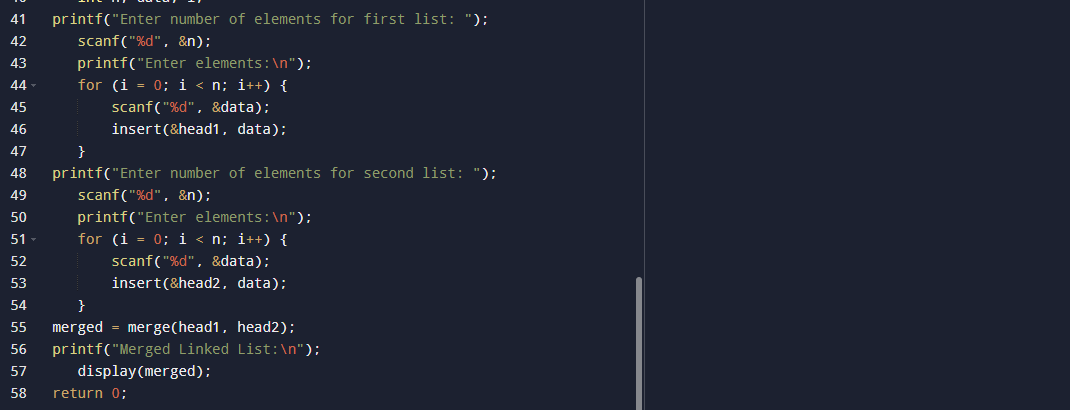


8. Given an array finding duplication values

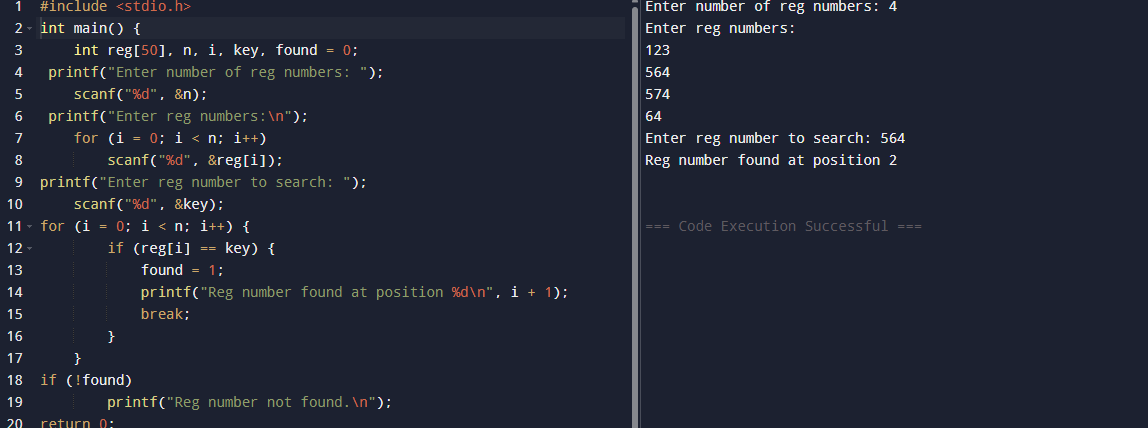


9. Merging of list

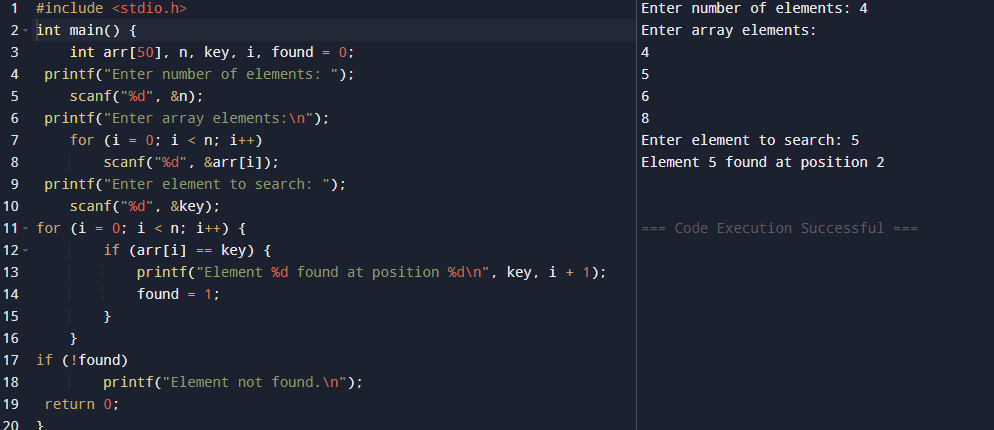




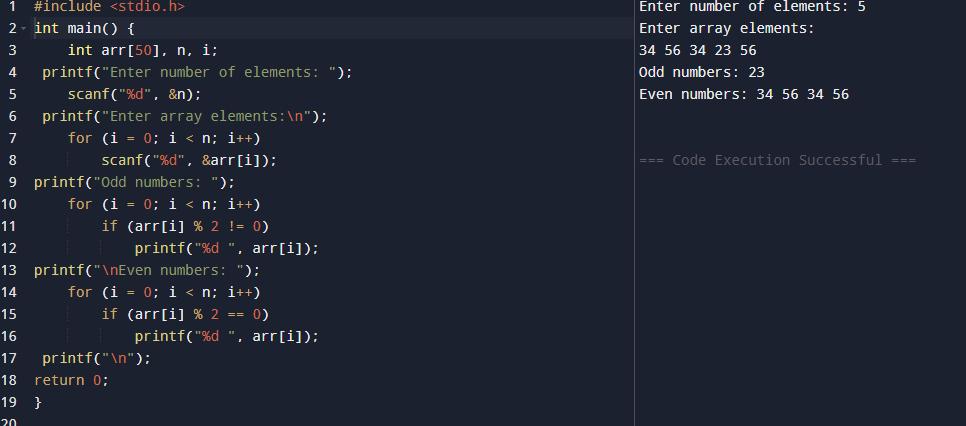
10. Given array of regno sneed to search for particular regno



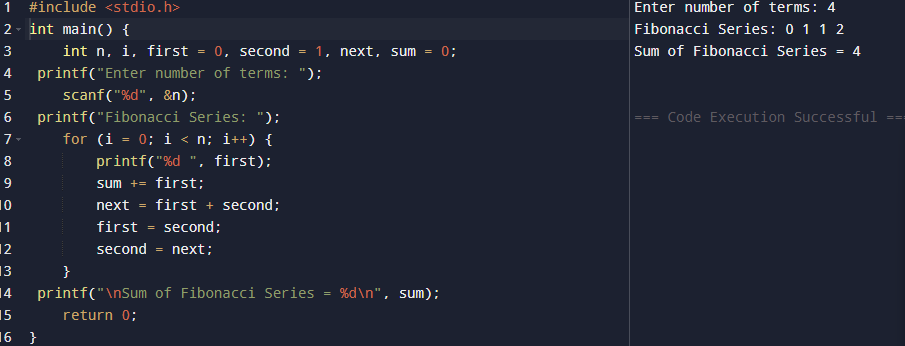
7. Identify location of element in given array



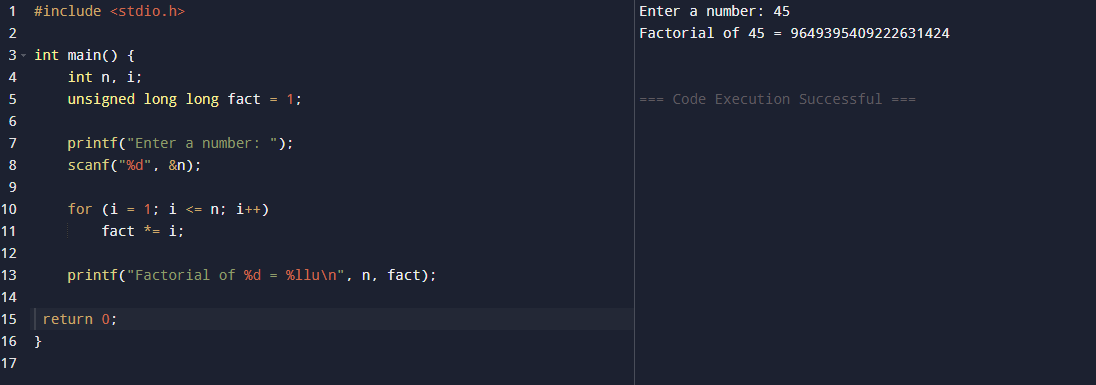
8. Given array print odd and even values



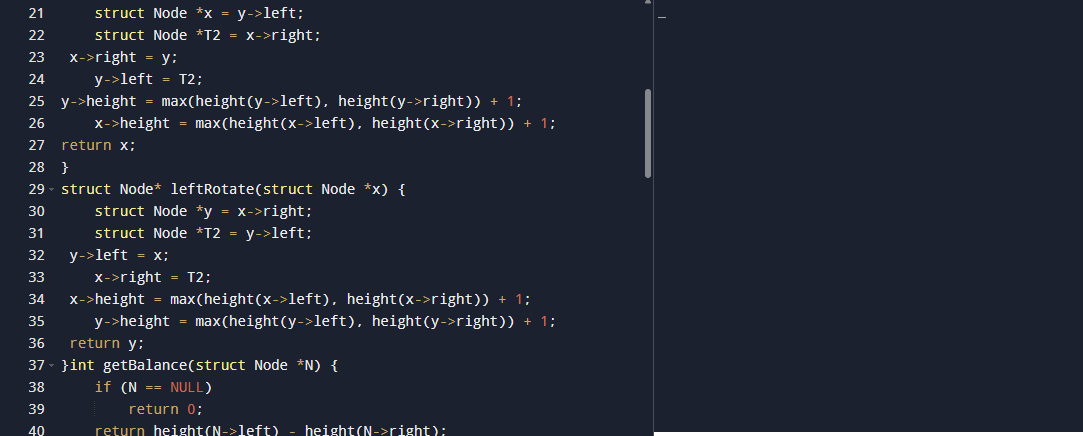
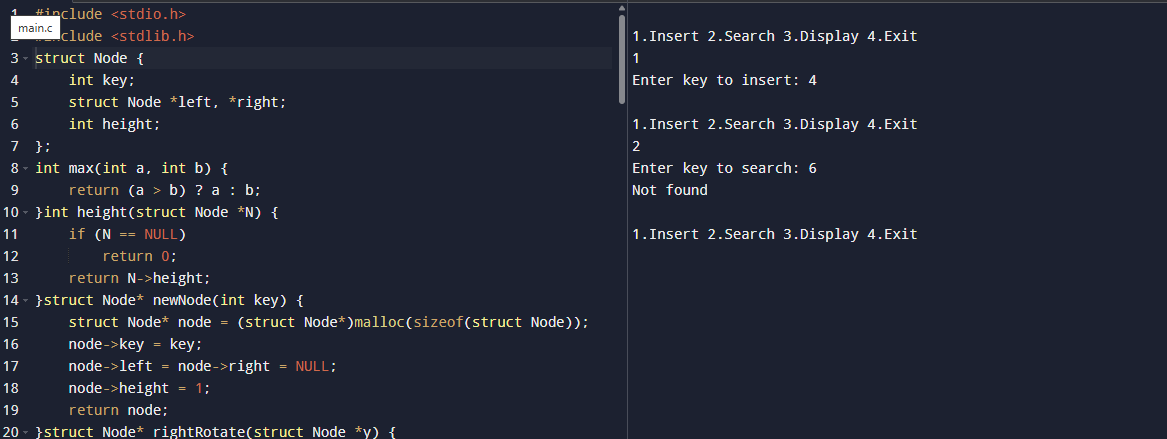
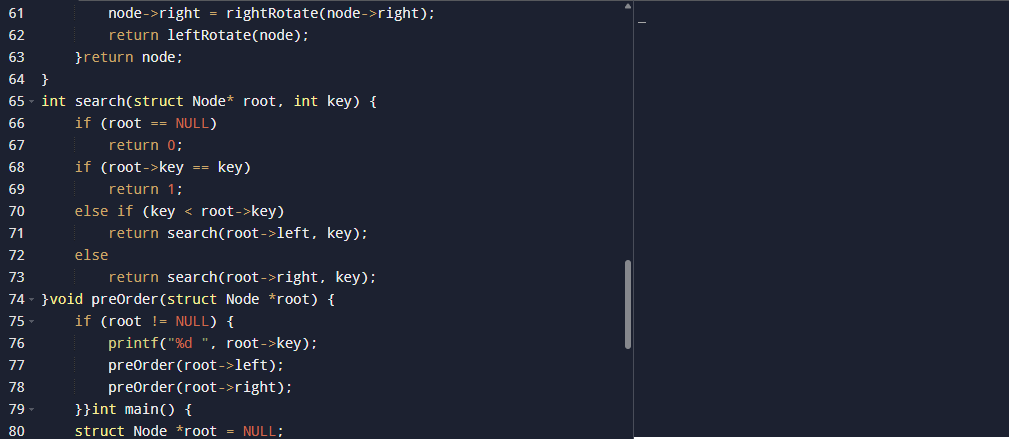
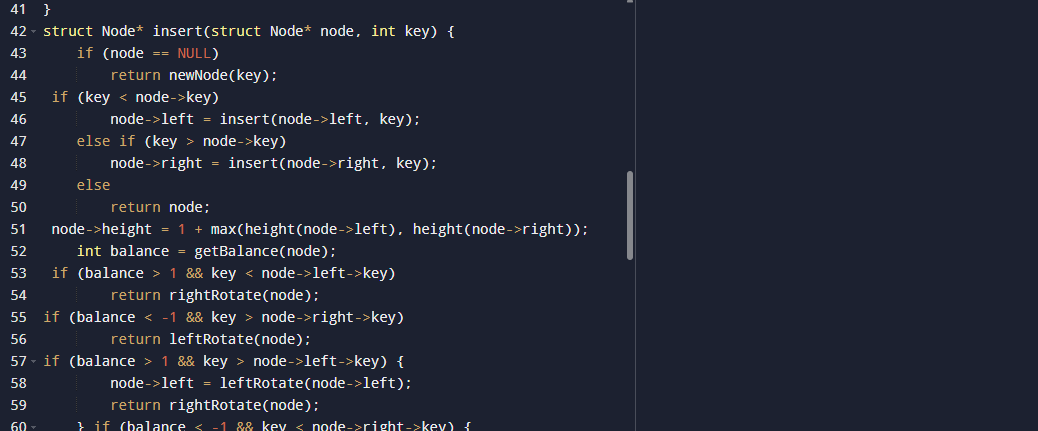
9. sum of Fibonacci Series

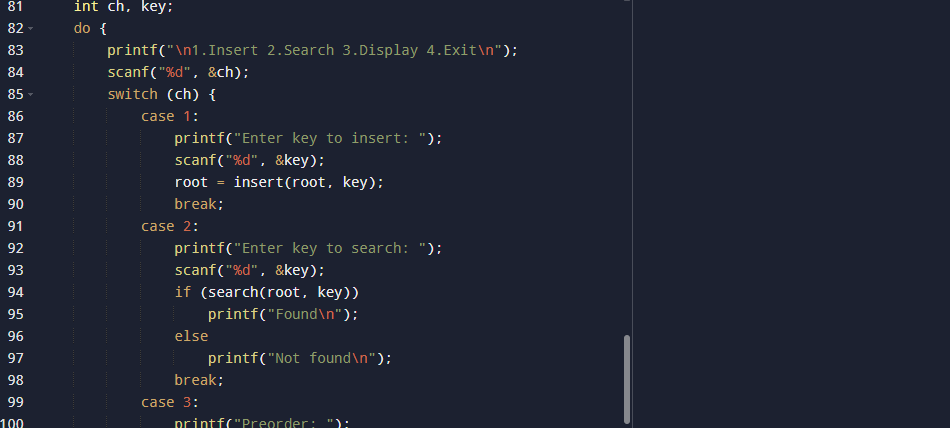


10. Finding factorial of a number

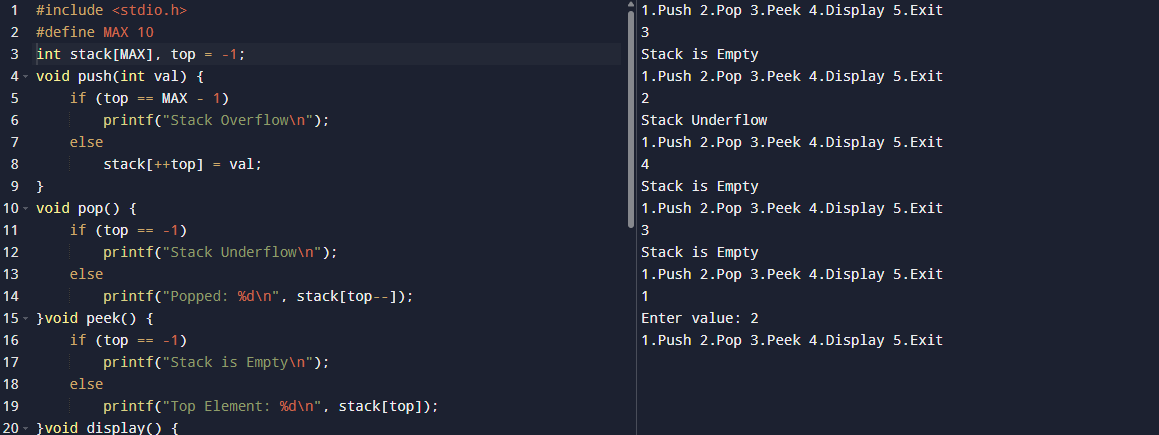


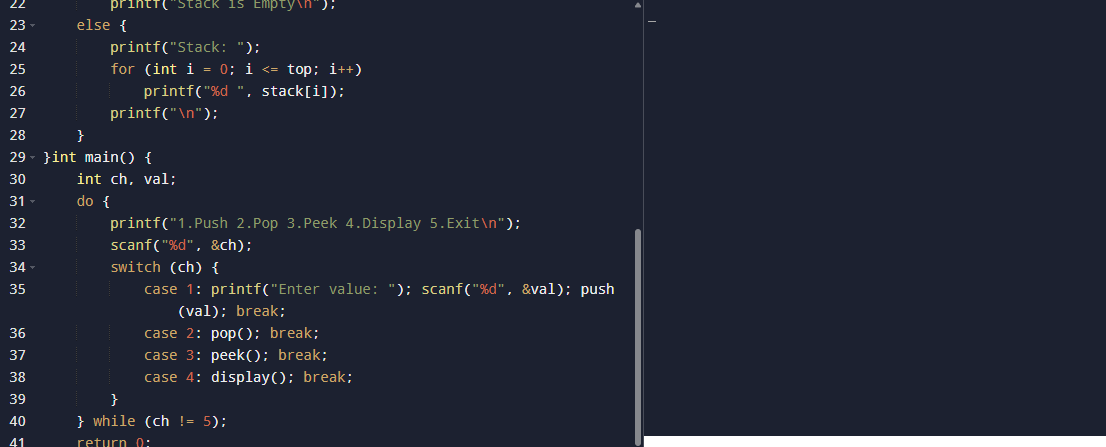
11. AVL tree

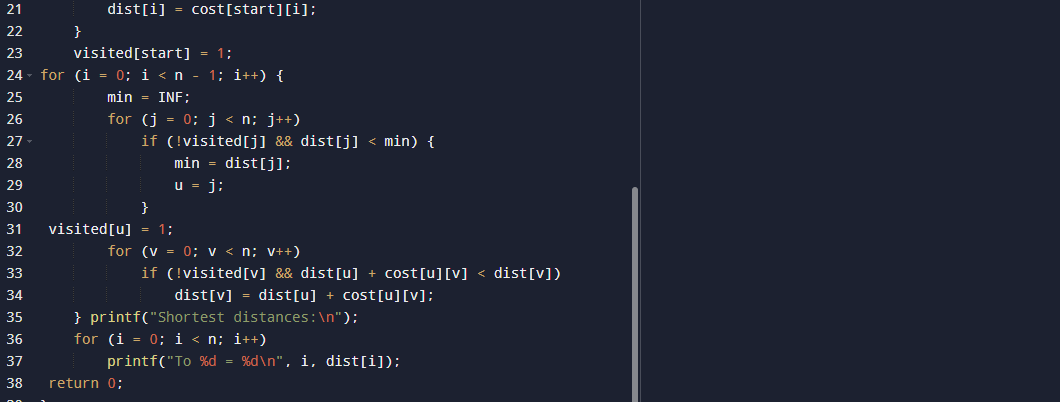
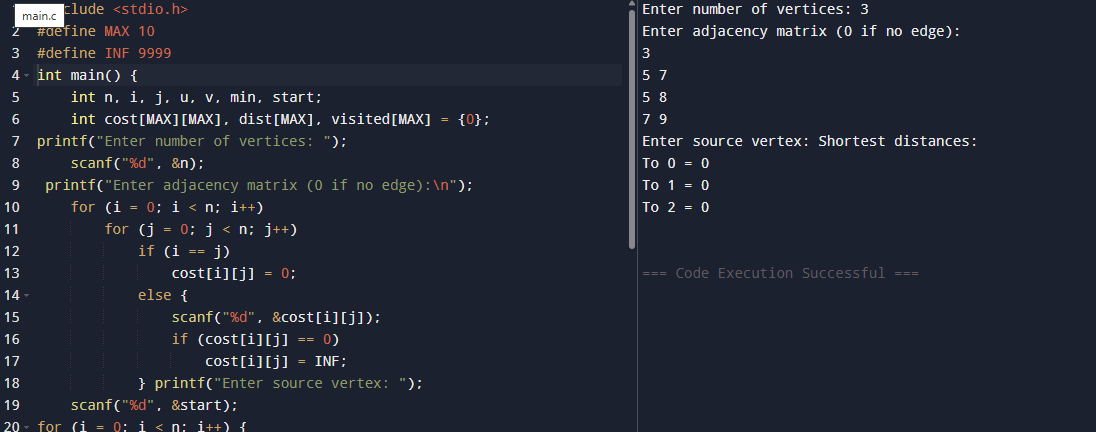


12. Valid stack

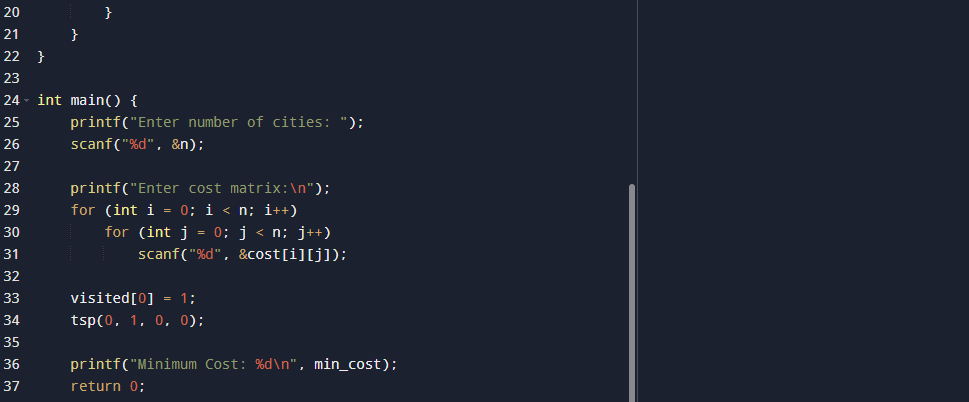
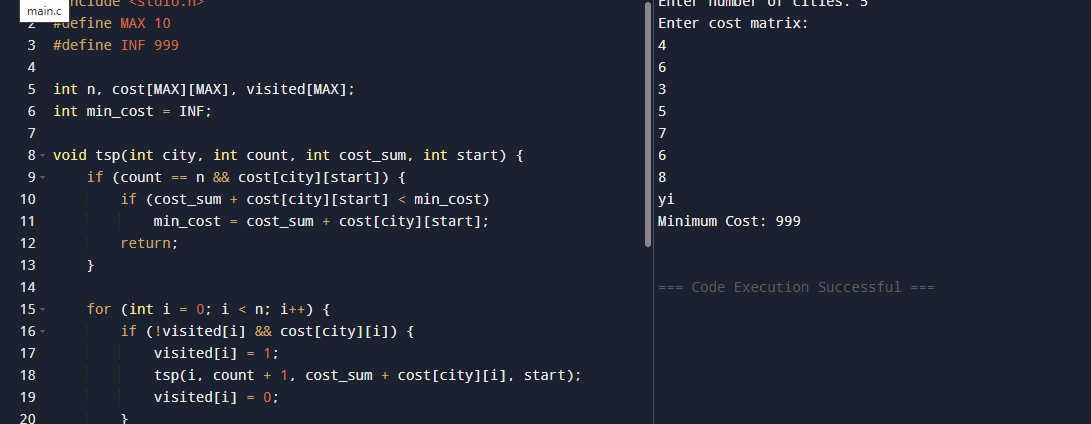




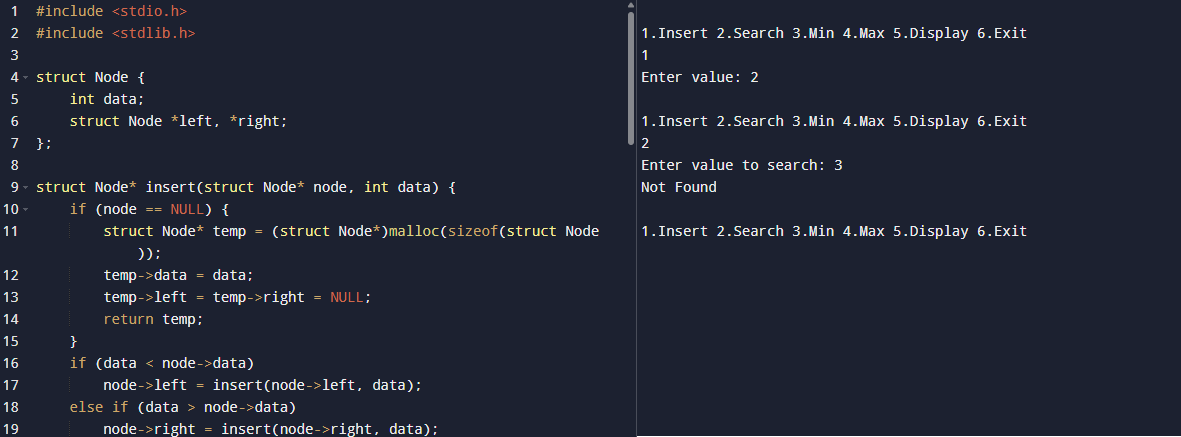
13. Graph-shortest path

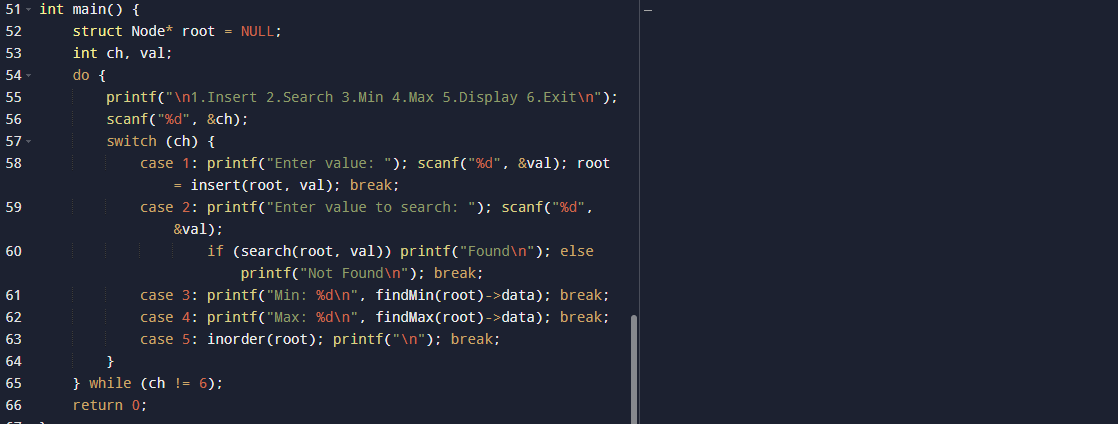
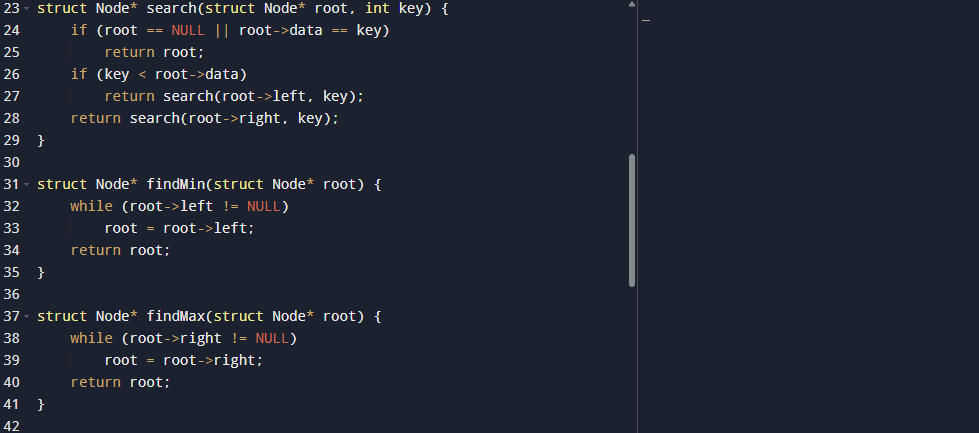


14. Traveling Salesman Problem

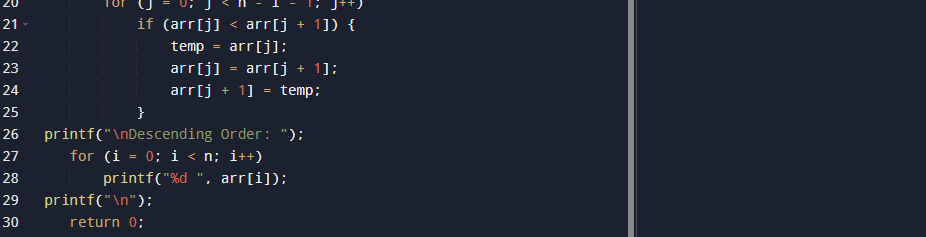
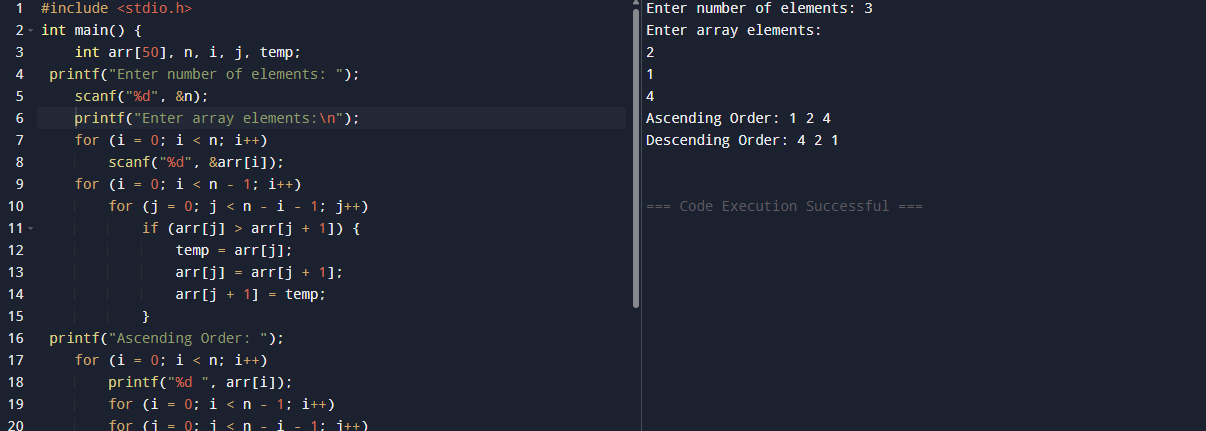


15. Binary search tree-search for a element, min element and Max element

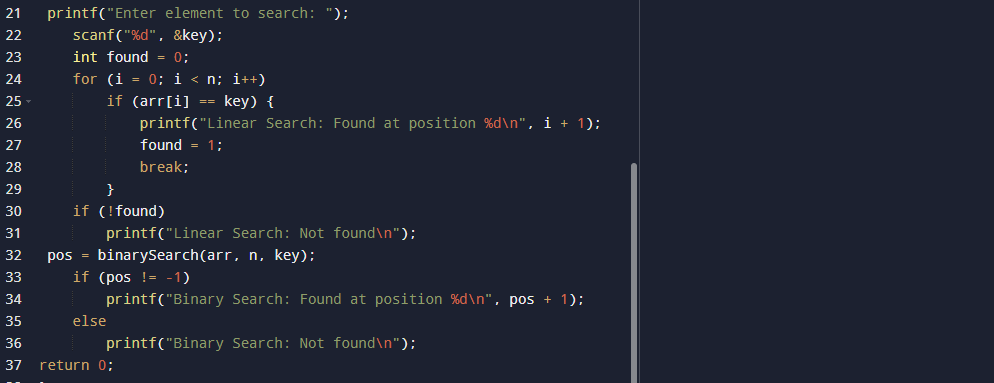
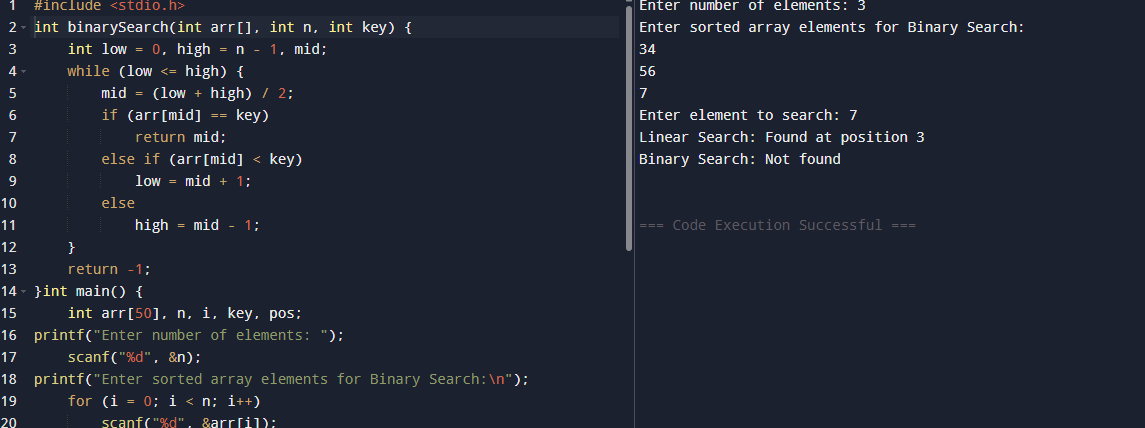




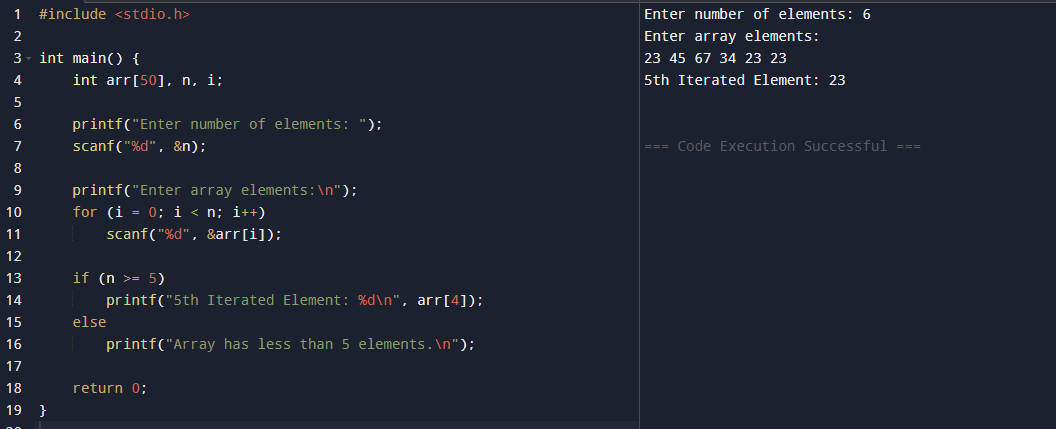
16. Array sort-ascending and descending



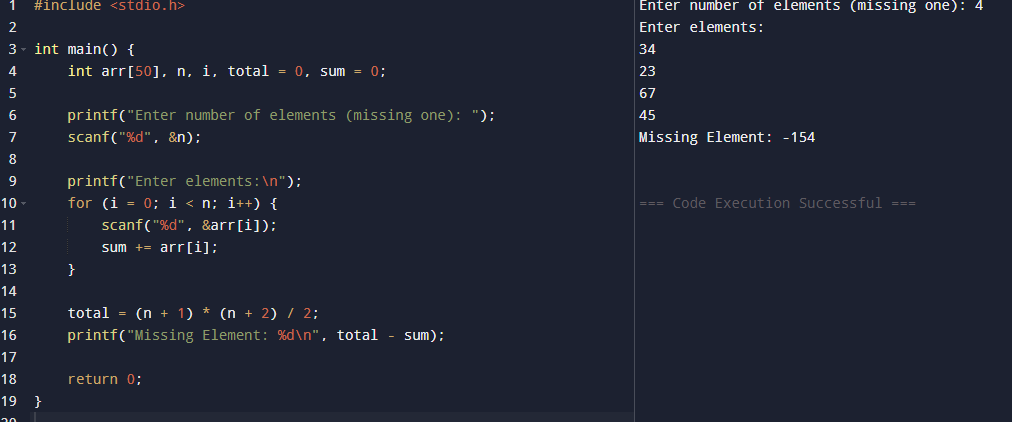
17. Array search-linear and binary



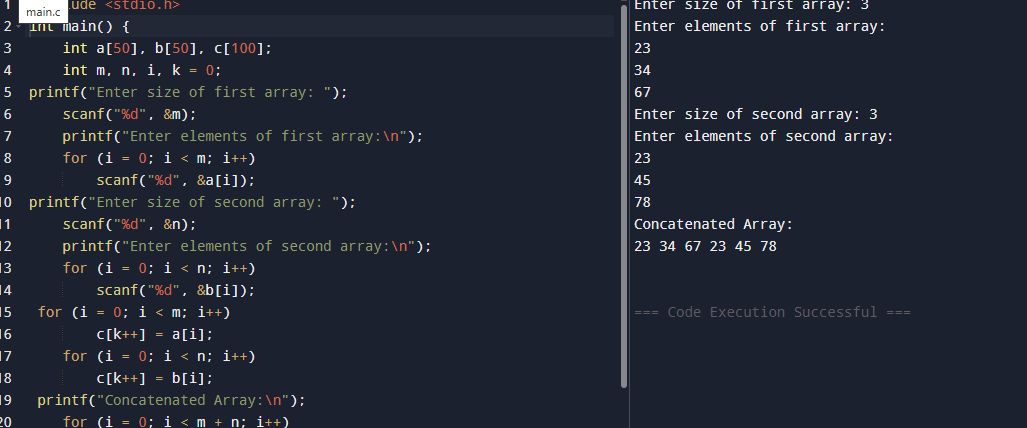
18. given set of Array elements-display 5th iterated element

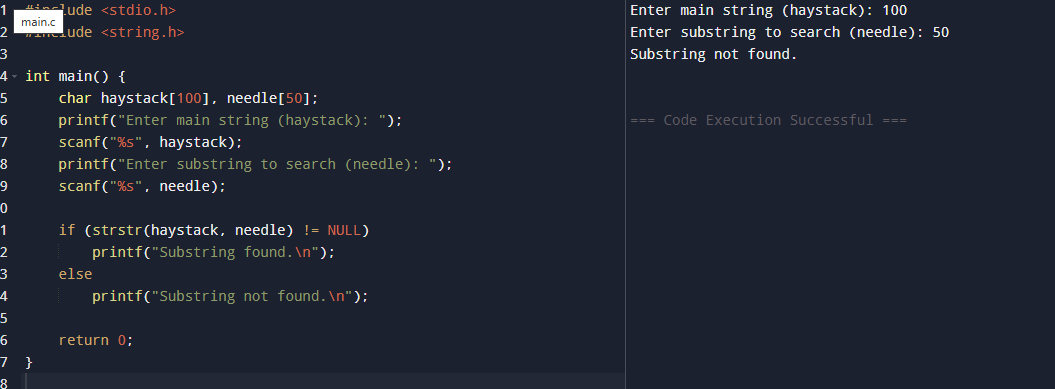


19. Given unsorted array- Display missing element

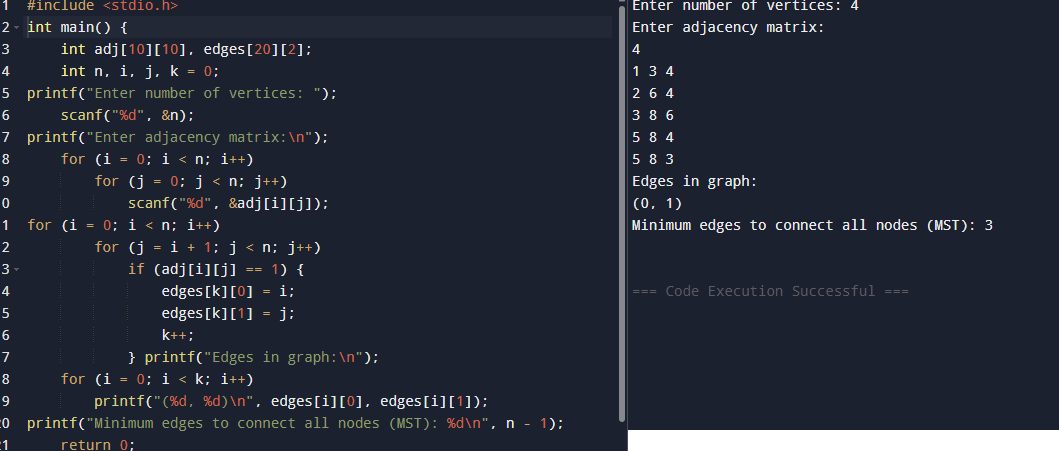


20. Array concatenation

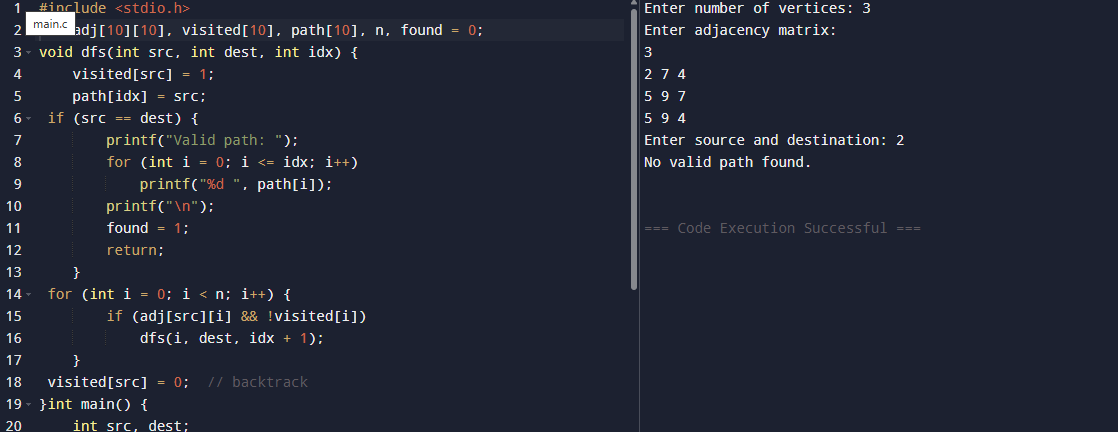


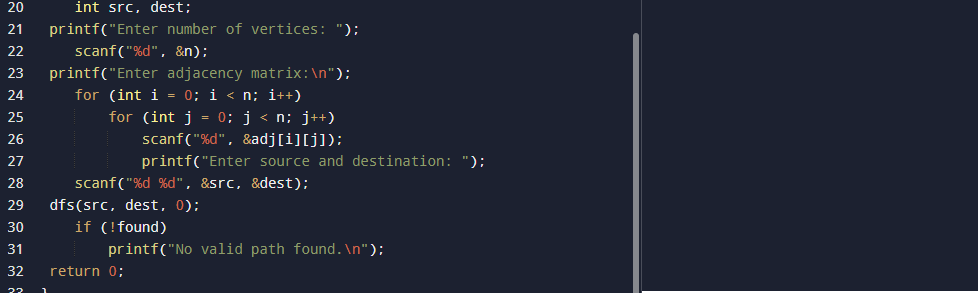
21. Haystack

22. Given Graph convert to array and print minimum edges

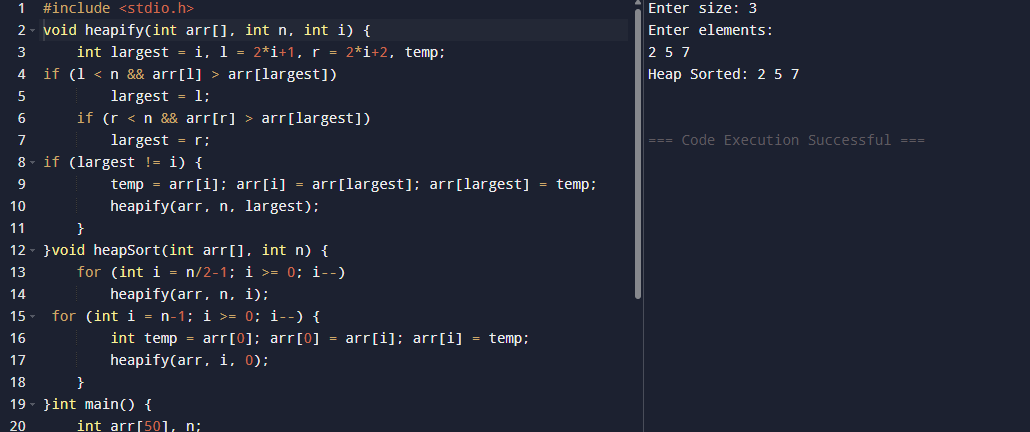


23. Given Graph-Print valid path

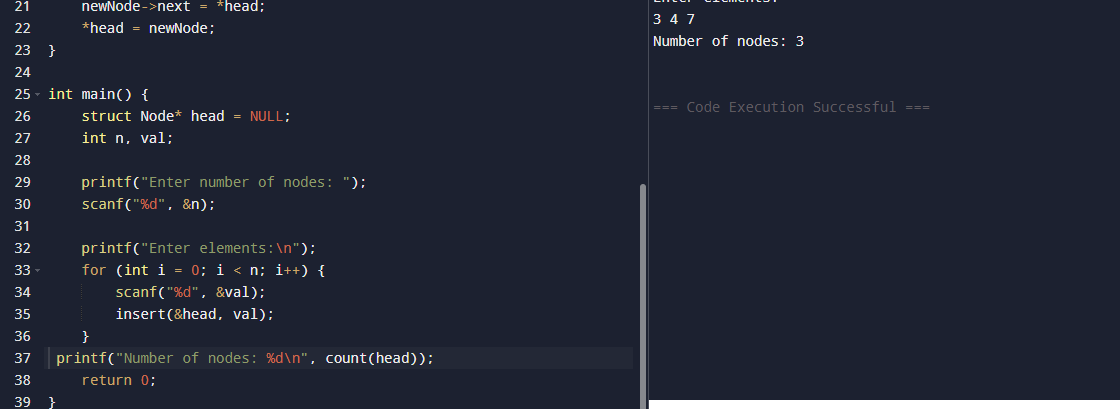
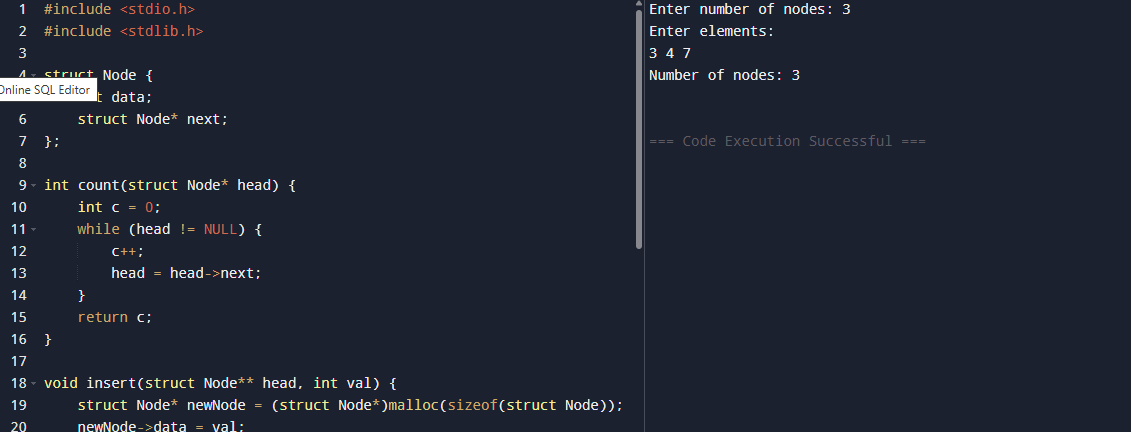




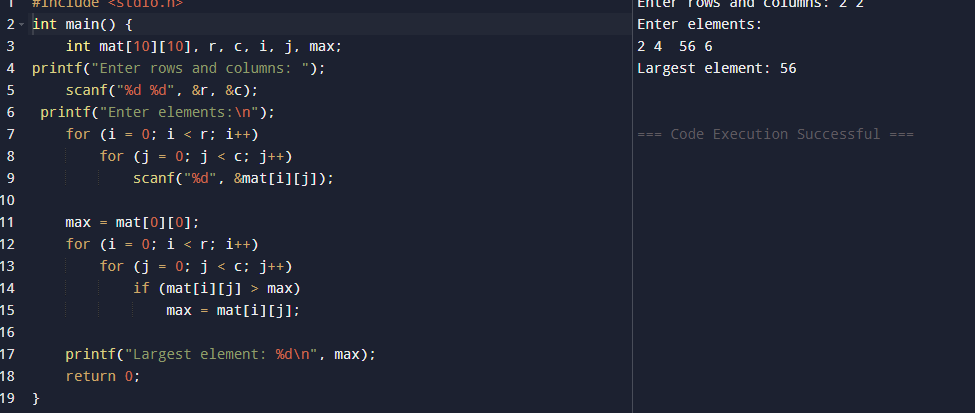
24. heap, merge, insertion and quick sort



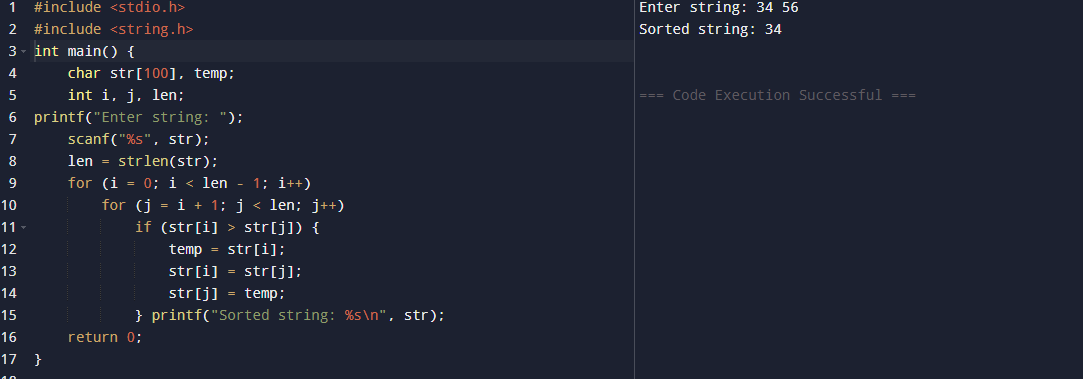
25. Print no of nodes in the given linked list



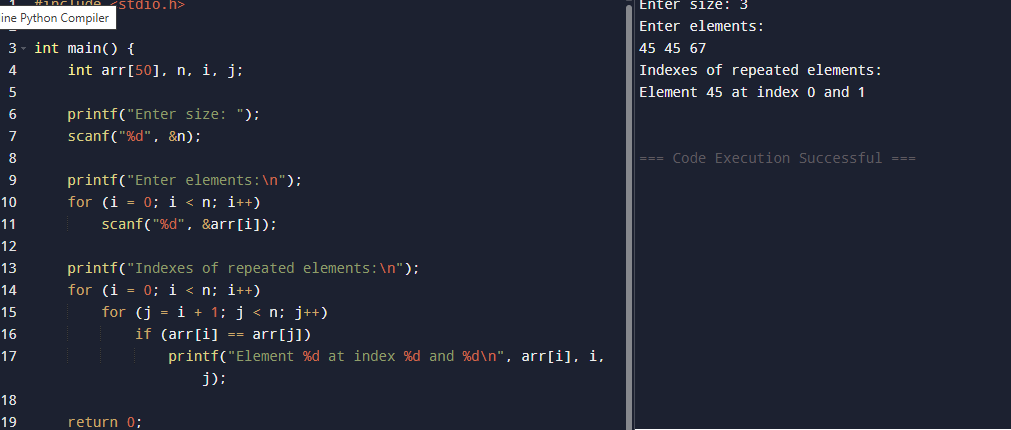
26. Given 2D matrix print largest element



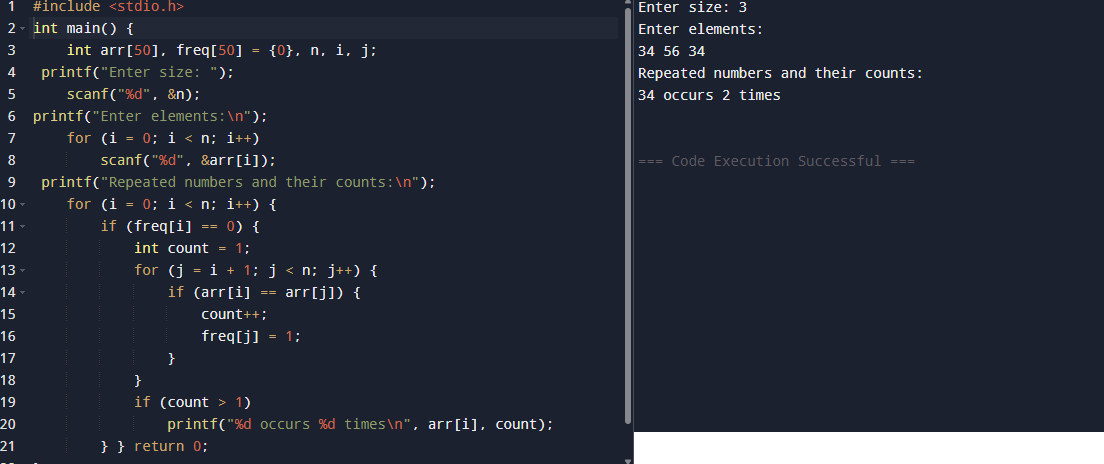
27. Given a string-sort in alphabetical order



28. Print the index of repeated characters given in an array



29. Print the frequently repeated numbers count from an array



30. Palindrome using SL

