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SR.NO	Project NAME	Technology
1	Online E-Learning Platform Hub	React+Springboot+MySql
2	PG Mates / RoomSharing / Flat Mates	React+Springboot+MySql
3	Tour and Travel management System	React+Springboot+MySql
4	Election commition of India (online Voting System)	React+Springboot+MySql
5	HomeRental Booking System	React+Springboot+MySql
6	Event Management System	React+Springboot+MySql
7	Hotel Management System	React+Springboot+MySql
8	Agriculture web Project	React+Springboot+MySql
9	AirLine Reservation System / Flight booking System	React+Springboot+MySql
10	E-commerce web Project	React+Springboot+MySql
11	Hospital Management System	React+Springboot+MySql
12	E-RTO Driving licence portal	React+Springboot+MySql
13	Transpotation Services portal	React+Springboot+MySql
14	Courier Services Portal / Courier Management System	React+Springboot+MySql
15	Online Food Delivery Portal	React+Springboot+MySql
16	Muncipal Corporation Management	React+Springboot+MySql
17	Gym Management System	React+Springboot+MySql
18	Bike/Car ental System Portal	React+Springboot+MySql
19	CharityDonation web project	React+Springboot+MySql
20	Movie Booking System	React+Springboot+MySql

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21	Job Portal web project	React+Springboot+MySql
22	LIC Insurance Portal	React+Springboot+MySql
23	Employee Management System	React+Springboot+MySql
24	Payroll Management System	React+Springboot+MySql
25	RealEstate Property Project	React+Springboot+MySql
26	Marriage Hall Booking Project	React+Springboot+MySql
27	Online Student Management portal	React+Springboot+MySql
28	Resturant management System	React+Springboot+MySql
29	Solar Management Project	React+Springboot+MySql
30	OneStepService LinkLabourContractor	React+Springboot+MySql
31	Vehical Service Center Portal	React+Springboot+MySql
32	E-wallet Banking Project	React+Springboot+MySql
33	Blogg Application Project	React+Springboot+MySql
34	Car Parking booking Project	React+Springboot+MySql
35	OLA Cab Booking Portal	React+NextJs+Springboot+MySql
36	Society management Portal	React+Springboot+MySql
37	E-College Portal	React+Springboot+MySql
38	FoodWaste Management Donate System	React+Springboot+MySql
39	Sports Ground Booking	React+Springboot+MySql
40	BloodBank mangement System	React+Springboot+MySql

41	Bus Tickit Booking Project	React+Springboot+MySql
42	Fruite Delivery Project	React+Springboot+MySql
43	Woodworks Bed Shop	React+Springboot+MySql
44	Online Dairy Product sell Project	React+Springboot+MySql
45	Online E-Pharma medicine sell Project	React+Springboot+MySql
46	FarmerMarketplace Web Project	React+Springboot+MySql
47	Online Cloth Store Project	React+Springboot+MySql
48	Train Ticket Booking Project	React+Springboot+MySql
49	Quizz Application Project	JSP+Springboot+MySql
50	Hotel Room Booking Project	React+Springboot+MySql
51	Online Crime Reporting Portal Project	React+Springboot+MySql
52	Online Child Adoption Portal Project	React+Springboot+MySql
53	online Pizza Delivery System Project	React+Springboot+MySql
54	Online Social Complaint Portal Project	React+Springboot+MySql
55	Electric Vehical management system Project	React+Springboot+MySql
56	Online mess / Tiffin management System Project	React+Springboot+MySql
57		React+Springboot+MySql
58		React+Springboot+MySql
59		React+Springboot+MySql
60		React+Springboot+MySql

Spring Boot + React JS + MySQL Project List

Sr.No	Project Name	YouTube Link
1	Online E-Learning Hub Platform Project	https://youtu.be/KMjyBaWmgzg?si=YckHuNzs7eC84-IW
2	PG Mate / Room sharing/Flat sharing	https://youtu.be/4P9clHg3wvk?si=4uEsi0962CG6Xodp
3	Tour and Travel System Project Version 1.0	https://youtu.be/-UHOBywHaP8?si=KHHfE_A0uv725f12
4	Marriage Hall Booking	https://youtu.be/VXz0kZQi5to?si=ILOS-QG3TpAFP5k7
5	Ecommerce Shopping project	https://youtu.be/vJ_C6LkhrZ0?si=YhcBylSErvdn7paq
6	Bike Rental System Project	https://youtu.be/FlzsAmIBCbk?si=7ujQTJqEgkQ8ju2H
7	Multi-Restaurant management system	https://youtu.be/pvV-pM2Jf3s?si=PgvnT-yFc8ktrDxB
8	Hospital management system Project	https://youtu.be/lynlouBZvY4?si=CXzQs3BsRkjKhZCw
9	Municipal Corporation system Project	https://youtu.be/cVMx9NVyl4I?si=qX0oQt-GT-LR_5jF
10	Tour and Travel System Project version 2.0	https://youtu.be/_4u0mB9mHXE?si=gDiAhKBowi2gNUKZ

Sr.No	Project Name	YouTube Link
11	Tour and Travel System Project version 3.0	https://youtu.be/Dm7nOdpasWg?si=P_Lh2gcOFhlyudug
12	Gym Management system Project	https://youtu.be/J8_7Zrkg7ag?si=LcxV51ynfUB7OptX
13	Online Driving License system Project	https://youtu.be/3yRzsMs8TLE?si=JRI_z4FDx4Gmt7fn
14	Online Flight Booking system Project	https://youtu.be/m755rOwdk8U?si=HURvAY2VnizlyJlh
15	Employee management system project	https://youtu.be/ID1iE3W_GRw?si=Y_jv1xV_BljhrD0H
16	Online student school or college portal	https://youtu.be/4A25aEKfei0?si=RoVgZtxMk9TPdQvD
17	Online movie booking system project	https://youtu.be/Lfjv_U74SC4?si=fiDvrhhrjb4KSIsm
18	Online Pizza Delivery system project	https://youtu.be/Tp3izreZ458?si=8eWAOzA8SVdNwlyM
19	Online Crime Reporting system Project	https://youtu.be/0UlzReSk9tQ?si=6vN0e70TVY1GOwPO
20	Online Children Adoption Project	https://youtu.be/3T5HC2HKyT4?si=bntP78niYH802I7N

1. Binary Search algorithm is also called as_____

Answers

1. Half Interval Search
2. Logarithmic Search
3. **Both of the above**
4. Sequential Search

2. Which of the following sorting algorithm is not in place on an array data structure?

Answers

1. Insertion Sort
2. **Merge sort**
3. Quick Sort
4. Selection Sort

3. Merge Sort works on two principles _____

Answers

1. to sort smaller size array and to merge two already sorted array operations are not efficient.
2. **to sort smaller size array and to merge two already sorted array operations are efficient.**
3. to sort smaller size array is efficient and to merge two already sorted array is not efficient.
4. to sort smaller size array is not efficient and to merge two already sorted array is efficient.

4. The minimum number of comparisons required to determine if an integer appears more than $n/2$ times in a sorted array of n integers is_____

Answers

1. $O(n)$
2. **$O(\log n)$**
3. $O(n \log n)$
4. $O(1)$

5. To sort 1 GB of data with only 100 MB of main memory which of the following sorting algorithm will be the efficient one?

Answers

1. Heap Sort
2. Quick Sort
3. **Merge Sort**
4. Insertion Sort

6. Which of the following sorting algorithm can be used to sort a linked list with minimum time complexity?

Answers

1. Insertion Sort
2. Quick Sort
3. Heap Sort
4. **Merge Sort**

7. Which of the following sorting algorithm takes minimum time when all elements are same.

Answers

1. **Insertion Sort**
2. Quick Sort
3. Merge Sort
4. Bubble Sort

8. Which of the following sorting algorithm is adaptive in nature?

Answers

1. Quick Sort
2. Merge Sort
3. Bubble Sort
4. **Insertion sort**

9. Which of the following statement is false about a singly circular linked list?

Answers

1. traversal can be start from only first node and can be traversed only in a forward direction
2. previous node of any node cannot be accessed
3. addition & deletion operations can be performed in $O(1)$ time
4. **any node can be revisited**

10. The Advantage/s of a doubly-linked list over the singly-linked list is_____

Answers

1. doubly linked list node size is greater than node size in singly linked list
2. addition operation is efficient
3. **deletion operation is efficient**
4. all of above

11. Which of the following point/s is/are true about Linked List data structure when it is compared with array_____

Answers

1. Arrays have better cache locality that can make them better in terms of performance.
2. It is easy to insert and delete elements in linked list
3. Random access is not allowed in a typical implementation of linked lists
4. The size of array has to be pre-decided, linked lists can change their size during runtime.
5. **All of the above**

12. Which of the following statement is false about doubly circular linked list _____

Answers

1. list can be traversed in both forward as well as in a backward direction
2. traversal can be start either from first node or from last node in $O(1)$ time.
3. addition & deletion operations are efficient as it takes $O(1)$ time.
4. **searching operation takes $O(\log n)$ time.**

13. Prefix notation is also called as ____

Answers

1. Reverse Polish Notation
2. Reverse Notation
3. Polish Reverse Notation
4. **Polish Notation**

14. The priority queue is a queue in which ____

Answers

1. element having highest priority can be added first
2. element having highest priority can be deleted first
3. **element can be added in any order and only element can be deleted first having highest priority**
4. element can be added first only having highest priority and can be deleted in any order

15. The following postfix expression with single digit operands is evaluated using a stack:

8 2 3 ^ / 2 3 * + 5 1 * -

Note that ^ is the exponentiation operator. The top two elements of the stack after the first * is ____

Answers

1. **6,1**
2. 5,7
3. 3,2
4. 1,5

16. Which of the following operation cannot be performed on the queue?

Answers

1. Insert
2. Delete
3. **Traverse**
4. None of above

17. What is the queue full condition in the dynamic queue?

Answers

1. `rear == size-1`
2. `front == (rear+1)%SIZE`
3. `front == rear+1`
4. `front == size`
5. **None of the above**

18. Priority queue can be implemented efficiently by using _____

Answers

1. **binary heap**
2. balanced binary search tree
3. array
4. linked list

19. Which of the following statement is false about deque_____

Answers

1. elements can be added as well deleted from both the ends
2. deque can be implemented efficiently by using doubly linear linked list with tail pointer
3. deque can be implemented efficiently by using doubly circular linked list
4. **None of the above**

20. A binary tree has 20 leaves. The number of nodes in the tree having two children is _____

Answers

1. 18
2. **19**
3. 17
4. 20

21. A BST is generated by inserting in order the following integers:

50, 15, 62, 5, 20, 58, 91, 3, 8, 37, 60, 24.

The number of nodes in the left subtree and right subtree of the root respectively is_____

Answers

1. 4 , 7

2. 7 , 4

3. 8 , 3

4. 3 , 8

22. BST can be said balanced__

Answers

1. height of left subtree is greater or equal to height of right subtree

2. height of left subtree is smaller or equal to height of right subtree

3. for every subtree in a bst difference between height of left subtree and height of right subtree is in between -1 to 1

4. for every subtree in a bst difference between height of left subtree and height of right subtree is 0.

23. Given two Balanced BST's, B1 having n elements and B2 having m elements, what is the time complexity of the algorithm to merge these trees to form another balanced BST containing m+n elements?

Answers

1. $O(m + n)$

2. $O(m \log n)$

3. $O(n \log m)$

4. $O(\log 0)$

24. In the delete operation of BST, we need inorder successor (or predecessor) of a node when the node to be deleted has both left and right child as non-empty. Which of the following is true about inorder successor needed in delete operation?

Answers

1. Inorder Successor is always a leaf node

2. Inorder successor is always either a leaf node or a node with empty left child

3. Inorder successor may be an ancestor of the node

4. Inorder successor is always either a leaf node or a node with empty right child

25. The following elements are added into BST in the given order:

10, 1, 3, 5, 15, 12, 16.

What is the height of the BST?

Answers

1. 2

2. **3**

3. 4

4. 6

26. The preorder traversal sequence of a BST is

30, 20, 10, 15, 25, 23, 39, 35, 42.

Which one of the following is the postorder traversal sequence of the same tree?

Answers

1. 10, 20, 15, 23, 25, 35, 42, 39, 30

2. 15, 10, 25, 23, 20, 42, 35, 39, 30

3. 15, 20, 10, 23, 25, 42, 35, 39, 30

4. **15, 10, 23, 25, 20, 35, 42, 39, 30**

27. What are the worst-case time complexities of addition and deletion of element operations into a BST?

Answers

1. $O(\log n)$

2. **$O(n)$**

3. $O(n)$ to add and $O(\log n)$ to delete

4. $O(\log n)$ to add and $O(n)$ to delete

28. What is the maximum height of any AVL-tree with 7 nodes? Assume that the height of a tree with a single node is 0.

Answers

1. 2

2. **3**

3. 4

4. 5

29. Which of the following tree traversal method prints the data in sorted order in a BST?

Answers

1. Preorder
2. **Inorder**
3. Postorder
4. Level order

30. Which of the following statement is false about BST?

Answers

1. Minimum height of BST is $\log n$, for "n" no. of elements in it
 2. Maximum height of BST is n , for "n" no. of elements in it
 3. **In a BST addition, deletion and searching operations can be performed in $O(\log n)$ time**
 4. Self Balanced BST is also called as AVL tree
31. Consider an undirected unweighted graph G_1 . Let a BFS traversal of G_1 be done starting from a vertex s . Let $d(s, u)$ and $d(s, v)$ be the lengths of the shortest paths from s to u and v respectively, in G_1 . If u is visited before v during the BFS traversal, which of the following statements is correct?

Answers

1. $d(s, u) < d(s, v)$
2. $d(s, u) > d(s, v)$
3. **$d(s, u) \leq d(s, v)$**
4. None of the above

32. Given an undirected graph G_1 with V vertices and E edges, the sum of the degrees of all vertices is_____

Answers

1. E
2. **$2E$**
3. V
4. $2V$

33. In an unweighted, undirected connected graph, the shortest path from a vertex 0 to every other vertex is computed most efficiently, in terms of time complexity by_____

Answers

1. Dijkstra's algorithm starting from vertex 0.
2. Warshall's Floyd algorithm
3. Performing a DFS starting from vertex 0.
4. **Performing a BFS starting from vertex 0.**

34. The Floyd-Warshall algorithm for all-pair shortest paths computation is based on _____

Answers

1. Greedy paradigm.
 2. Divide-and-Conquer paradigm.
 3. **Dynamic Programming paradigm.**
 4. None of above
35. Which of the following algorithm is used to find the shortest path in an undirected weighted graph contains negative weights.

Answers

1. Dijkstra's shortest path algorithm
 2. Warshall Floyd Algorithm
 3. Prim's Algorithm
 4. **Bellman Ford Algorithm**
36. Which of the following statement is not true in a graph?

Answers

1. in a given graph if any vertex is connected to remaining all vertices then it is called as connected graph.
2. **graph without cycle and which is not connected is called as tree**
3. in a given graph if all the vertices are adjacent to remaining all vertieces then it is called as complete graph
4. graph can be a tree but tree cannot be a graph

37. Given a hash table T with 25 slots that stores 2000 elements, the load factor α for T is ____

Answers

1. **80**
2. 0.0125
3. 8000
4. 1.25

38. The Standard Template Library (STL) consists of four main components. What are those components?

Answers

1. ADT, Structure, Class and Function Objects.
2. Containers, Algorithms, Function Objects and Statements.
3. **Containers, Algorithms, Function Objects and Iterators.**
4. None of the above.

39. We use a dynamic programming approach when ____

Answers

1. It provides optimal solution
 2. The solution has optimal substructure
 3. **The given problem can be reduced to 3-SAT problem**
 4. Its faster than Greedy approach
40. How to represent Adjacency Matrix in graph?

Answers

1. **It is Matrix $a[v][v]$ where v is no of vertices. $a[i][j] = 1$ if i and j are adjacent $= 0$ otherwise**
2. It is Matrix $a[v][v]$ where v is no of edges. $a[i][j] = 1$ if i and j are not adjacent $= 0$ otherwise
3. Both A and B are correct
4. None of ABOVE



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<https://t.me/codewitharrays> Group Link: <https://t.me/cceesept2023>



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