	codewitharrays.in freelance project available to buy contact on 8007592194	
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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No	Project	Technology
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+Springwoot+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/4P9cIHg3wvk?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=llOS-QG3TpAFP5k7
5	Ecommerce Shopping project	https://youtu.be/vJ_C6LkhrZ0?si=YhcBylSErvdn7paq
6	Bike Rental System Project	https://youtu.be/FIzsAmIBCbk?si=7ujQTJqEgkQ8ju2H
7	Multi-Restaurant management system	https://youtu.be/pvV-pM2Jf3s?si=PgvnT-yFc8ktrDxB
8	Hospital management system Project	https://youtu.be/IynIouBZvY4?si=CXzQs3BsRkjKhZCw
9	Municipal Corporation system Project	https://youtu.be/cVMx9NVyI4I?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=HURvAY2VnizIyJlh
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=fiDvrhhrjb4KSlSm
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

DATA STRUCTURE

ADS | CCEE Practice Test - IV

Total points 16/20 ❓

Duration: 30 Mins

The respondent's ██████ (██████████████████) was recorded on submission of this form.

0 of 0 points

PRN *

24084██████

Name *

████████████████

Centre *

Kharghar ▾

████████ **16 of 20 points**

✓ What is the total number of distinct binary trees that can be constructed using four unlabelled nodes? *1/1
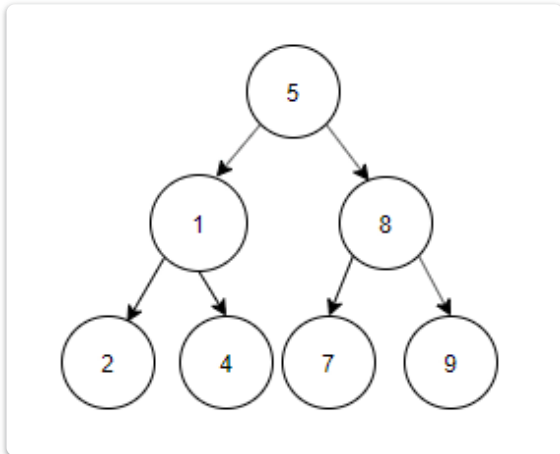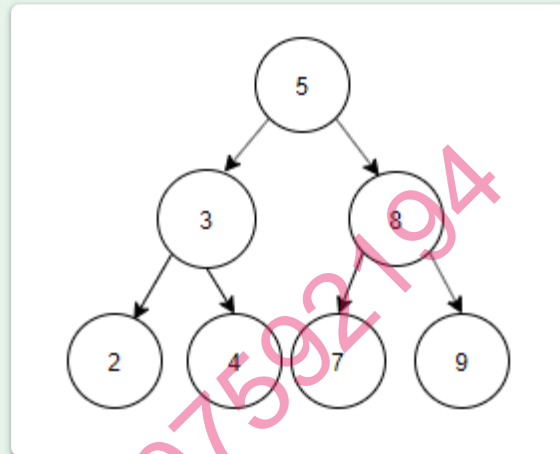
○ 10

◉ 14 ✓

○ 13

○ 12

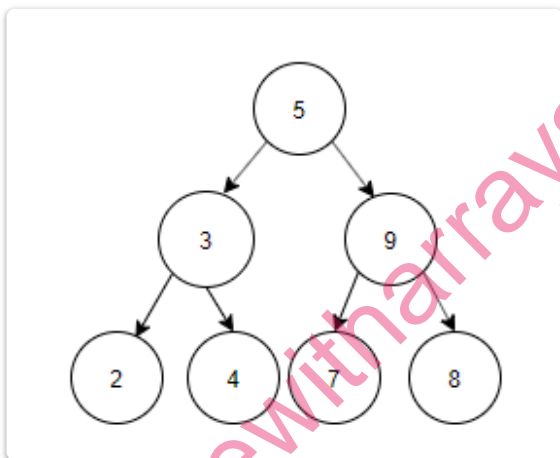✓ Construct a binary search tree by using postorder sequence given below. *1/1
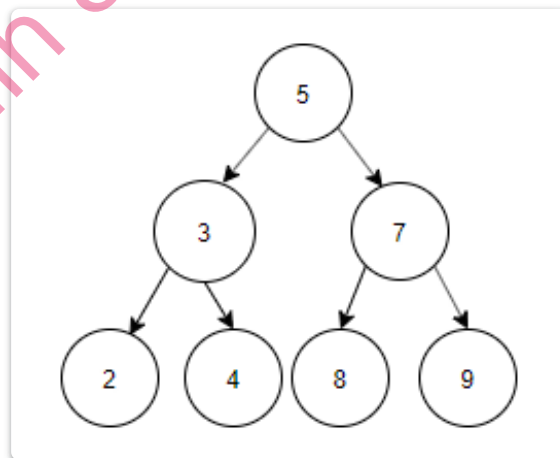
Postorder: 2, 4, 3, 7, 9, 8, 5.

Option 1

◉ Option 2 ✓

Option 3

Option 4

What will be the output when aeeHelloPadhlo(new int[]{3, 7, 1, 2, 8, 4, *1/1
5}) is called?

```java
int aeeHelloPadhlo(int[] arr) {

    int n = arr.length + 1;

    int expectedSum = (n * (n + 1)) / 2;

    int actualSum = 0;


    for (int num : arr) {

        actualSum += num;

    }


    return expectedSum - actualSum;

}


int padhneKeBaad = aeeHelloPadhlo(new int[]{3, 7, 1, 2, 8, 4, 5});

System.out.println(padhneKeBaad);
```

- ◉ 6 ✓
- ○ 9
- ○ 4
- ○ 5

```java
class MyStack {

    protected static final int MAX_SIZE = 150;

    protected int count, index = -1;

    protected Object elements[];


    public MyStack() {

        elements = new Object[MAX_SIZE];

    }


    public void add(Object item) {

        if (count == MAX_SIZE) {

            System.out.println("Stack overflow");

            return;

        } else {

            index++;

            elements[index] = item;

            count++;

        }

    }


    public Object remove() {

        if (index < 0) {
```

```java
        return null;

    } else {

        Object item = elements[index];

        index--;

        count--;

        return item;

    }

  }

}


public class StackTest {

  public static void main(String args[]) {

    MyStack myStack = new MyStack();

    myStack.add("First");

    myStack.add("Second");

    Object element1 = myStack.remove();

    Object element2 = myStack.remove();

    Object element3 = myStack.remove();

    System.out.println(element3);

  }

}
```

What will be the output of the StackTest class?

Second

○ First

● null ✓

○ Stack overflow

✓ What is the worst case time complexity of inserting a node in a doubly *1/1
linked list?

○ O(nlogn)

○ O(logn)

● O(n) ✓

○ O(1)

✓ The Binary Search algorithm is employed to find an element in a sorted *1/1
array efficiently. What type of approach does it utilize to achieve this?

○ Linear way to search elements

● Divide and Conquer way to search elements ✓

○ Sort and search Linearly

○ Greedy search algorithm

○ None of the above

✓ Consider an AVL tree that needs to maintain its balanced property *1/1
while inserting the following elements in the specified order: 38, 53, 43,
28, 33, 63, 81, 23, 31. After performing all the insertions, how many
rotations would be required to ensure the AVL tree remains balanced?

○ 2 left rotations, 2 right rotations

○ 2 left rotations, 3 right rotations

◉ 3 left rotations, 2 right rotations ✓

○ 3 left rotations, 1 right rotation

✓ What is the best-case time complexity of the Linear search? * 1/1

○ O(n)

◉ O(1) ✓

○ O(n log n)

○ O(n^2)

✓ What will be the result of the following operation? * 1/1
Top(Push(T, Y))

- ⦿ Y ✓
- ○ Y + T
- ○ T
- ○ YT

✓ In a full binary tree, If you were to derive a formula to express the *1/1
number of leaves in relation to the number of internal nodes, which of
the following relationships would accurately represent this connection?

- ○ L = 2*I
- ⦿ L = I + 1 ✓
- ○ L = I − 1
- ○ L = 2*I − 1

✓ The preorder traversal of a binary search tree is 15, 10, 12, 11, 20, 18, *1/1
16, 19. Which one of the following is the postorder traversal of the
tree?

○ 20, 19, 18, 16, 15, 12, 11, 10

○ 10, 11, 12, 15, 16, 18, 19, 20

◉ 11, 12, 10, 16, 19, 18, 20, 15 ✓

○ 19, 16, 18, 20, 11, 12, 10, 15

✓ If you were tasked with determining the total number of nodes N in a *1/1
full binary tree, given that there are L leaves, which of the following
equations would best describe this relationship?

○ N = 2*L

○ N = L + 1

○ N = L − 1

◉ N = 2*L − 1 ✓

✓ What will be the output when chinTapakDum(new int[]{4, 1, 2, 1, 2}) is *1/1
called?

int chinTapakDum(int[] arr) {

   int result = 0;

   for (int num : arr) {

     result ^= num;

   }

   return result;

}

int finalDum = chinTapakDum(new int[]{4, 1, 2, 1, 2});

System.out.println(finalDum);

○ 4 ✓

○ 1

○ 2

○ 3

✓ In a binary min-heap with 103 unique elements, let K represent the index in the array where the largest element is stored. How many possible values can K take in this scenario? *1/1
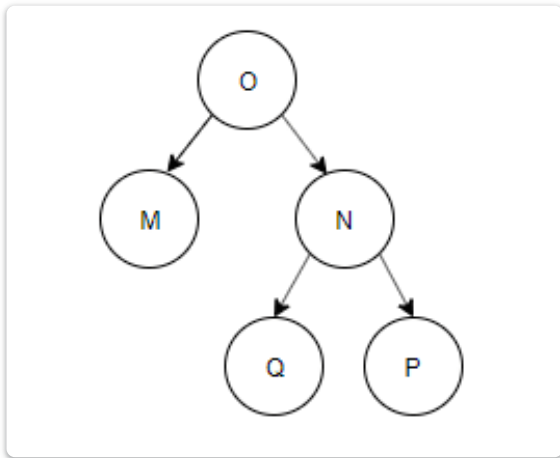
○ 53

◉ 52 ✓

○ 27

○ 1

✕ Construct a binary tree by using postorder and inorder sequences given below.
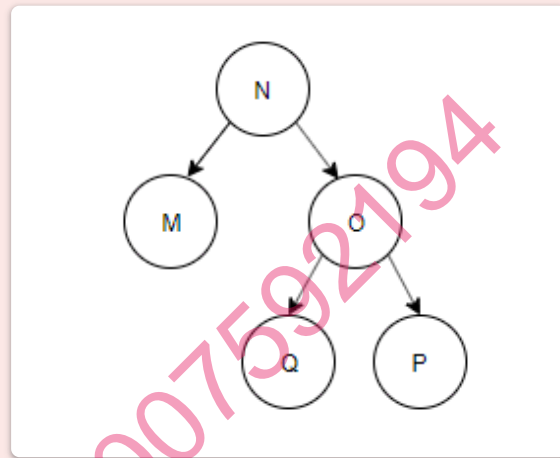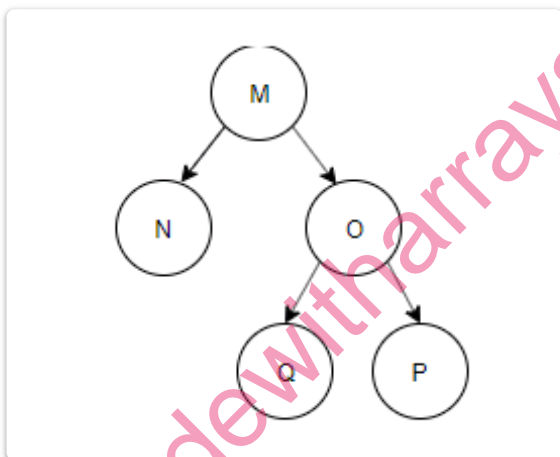Inorder: N, M, P, O, Q
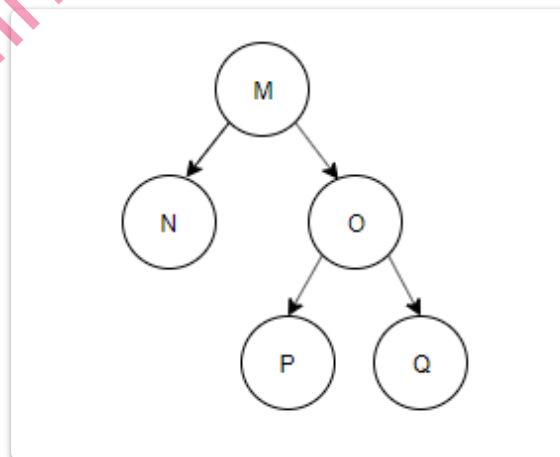Postorder: N, P, Q, O, M

*0/1

Option 1

◉ Option 2 ✕

Option 3

Option 4

Correct answer

◉ Option 4

✓ You are given an unsorted array containing **n** distinct integers. You need to determine the maximum value in the array using a single traversal of the elements. Which of the following option accurately describes the time complexity of this operation? *1/1

○ O(1)

○ O(log n)

◉ O(n) ✓

○ O(n log n)

✗ Which of the following insertion sequences will **not** require any rotations to maintain balance when inserting the elements {3, 4, 5, 6, 7, 8, 9} into an empty AVL tree? *0/1

○ 6, 4, 8, 3, 5, 7, 9

○ 6, 3, 5, 4, 9, 7, 8

○ 9, 8, 7, 6, 5, 4, 3

◉ 3, 4, 5, 6, 7, 8, 9 ✗

Correct answer

◉ 6, 4, 8, 3, 5, 7, 9

✕ The height of a binary tree is the maximum number of edges in any root to leaf path. The maximum number of nodes in a binary tree of height h is: *0/1

⦿ 2^h -1 ✕

◯ 2^(h-1) − 1

◯ 2^(h+1) -1

◯ 2*(h+1)

Correct answer

⦿ 2^(h+1) -1

✓ Consider the Binary Search algorithm, which is designed to operate on *1/1 sorted arrays. If you were to evaluate its performance in terms of efficiency:

For a scenario where the element is not found or is located at the last position, think about how many comparisons would be required relative to the number of elements in the array.

In a typical case where the target element is somewhere in the middle of the search process, reflect on the expected number of comparisons needed.

Based on your analysis, what can be inferred about the time complexity of the Binary Search algorithm in terms of both worst-case and average-case scenarios?

○ O(n^2)

○ O(1)

○ O(n log n)

⊙ O(log n) ✓

✗ Which one of the following sequences, when stored in an array at locations **A[1], A[2], A[3]..., A[10]**, forms a max-heap? *0/1

○ 28, 22, 19, 12, 18, 15, 6, 10, 11, 17

⊙ 28, 22, 19, 10, 18, 15, 6, 11, 12, 17 ✗

○ 28, 19, 22, 12, 18, 15, 6, 10, 11, 17

○ 22, 28, 19, 12, 18, 15, 10, 11, 6, 17

Correct answer

⊙ 28, 22, 19, 12, 18, 15, 6, 10, 11, 17

Feedback of Mock | 0 of 0 points

Level of exam *

○ Easy

⊙ Moderate

○ Tough

How was your Mock's experience? (No one word answer) *

Great! The function names were funny but all my concepts of trees and some sorting also revised completely. Thanks!

I understand the responsibility towards my life & everyone around me. I promise, I am sincere towards my studies. *

◉ Yes

◯ Other: ....

https://www.youtube.com/@codewitharrays

https://www.instagram.com/codewitharrays/

https://t.me/codewitharrays   Group Link: https://t.me/ccee2025notes

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