Mindtree Interview Questions for Freshers

Mindtree Technical Interview Questions for Freshers

1. What is the Computer programming principle?

2. What is Data Type?

3. Write a program to sort a given array of numbers. The sorting algorithm should give best performance in every case (best, worst and average). Example : Input : arr = {3, 5, 7, 1, 2, 4, 6} Output : {1, 2, 3, 4, 5, 6, 7}

4. Write a query in SQL to find the details of an employee having the nth highest salary from a given table Employee. The value of n needs to be taken as user input. Assume that the table Employee has the following schema.

5. What do you mean by data complexity?

6. Differentiate between new and malloc() in the context of C++.

7. What do you understand by super key, candidate key, primary key, and foreign key in the context of database management systems?

8. Differentiate between Delete and Truncate SQL commands.

9. Differentiate between WHERE clause and HAVING clause in SQL

10. What is Function?

11. Does Java allow a class to inherit from multiple classes? If not, how can a class achieve the properties of more than one class (i.e., multiple inheritances)?

12. Explain serialization and overriding.

13. What do you understand about Object-Oriented Programming? Explain the major features of object-oriented programming.

14. Explain the Open Systems Interconnection (OSI) model in the context of computer networks.

15. Explain HTTP and HTTPS protocol in the context of computer networks.

16. You have 15 rupees on you. You enter a shop and the shopkeeper informs you that each chocolate costs one rupee. He also informs you that in exchange for three wrappers, you will receive a chocolate. How many chocolates can you eat in total?

17. What are the different types of SQL commands?

18. What is Gregorian Calendar Class?

19. Can you name some alternatives to inheritance?

20. Differentiate between interface and abstract class in the context of Java.

21. Write a program to calculate the Least Common Multiple (LCM) of two numbers. Example : Input : a = 10, b =15 Output : 30 a = 5, b = 7 Output : 35

22. What do you mean by Run time Errors?

23. What is polymorphism?

24. Differentiate between Multiprogramming vs Multitasking.

25. Nine balls are given. All are equally weighed except one that was less weighed. How would we identify the less weighed in two chances? Etc.

26. What do you understand by subnetting in the context of computer networks?

27. What are the advantages of Object-Oriented Programming?

28. Differentiate between SQL and NoSQL databases.

29. What are the advantages and disadvantages of subnetting?

30. Differentiate between preemptive and non-preemptive scheduling algorithms.

31. Given two unsorted arrays. Check if the second array is a subarray of the first array.

32. Two candles and a matchbox is given, each burning for 1 hour, how to measure 30 minutes

33. Given a string as an input, write a program to reverse the words in the given string and display the new string. https://www.freshersnow.com/

Mindtree HR Interview Questions for Freshers

1. **Tell me about yourself in a few words.**

This is the first and foremost question that will be asked in any of the interviews. Through the answer to this question, the interviewer will know the whole insights of the candidate with

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respect to his/ her personality, education, strengths, and capabilities. This is the first opportunity given to you to showcase yourself in terms of who you really are in the matter of your personality. https://www.freshersnow.com/

2. What are your hobbies and area of interest?

This question is asked in order to know your creativity skills. Whatever the things you are interested in, you can mention it. Some of the areas of interest that you can include are, dancing, singing, painting, playing instruments crafting, etc., If you have participated in any of the competitions in your childhood or recently, you can mention it before the panel.

3. What keeps you motivated?

This question seems to be simple but is tricky enough to answer. You can say like, 'As I am goal-oriented and enthusiastic to complete the work within the given time, thus, this will motivate me to work and to be more productive for the wellness of the company. This question will be asked by the candidate whether to check you are capable to work with interest or not.

4. Are you willing to relocate?

Give a straight and honest answer to this question. If you are willing to relocate give your answer by saying yes. If you are not willing to relocate, state that how much desire you have to work with the company and convince them and settle the matter. Sometimes, the panel will ask this kind of question to know the flexibility of the candidates.

5. What goals do you have in your career?

To know how goal-oriented you are, you will be asked for this question. The response to this question will tell the planning skills you have for your future. Mention your career with Mindtree company and let them know that you will be faithful to the company for a longer period of time. You can also specify your goals which you wanted to embrace in the coming years.

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