

#### **Adobe Technical Interview Questions**

- 1. What is meant by realloc()?
- 2. Difference between Process and thread.
- 3. Explain About Deadlock in OS
- **4.** What is meant by exit controlled loop?
- 5. Can a class have a static inner class?
- 6. What are conditional operators?

**7.** Execute the qsort () in c/sort() in the c++ library or your own custom sort which will sort any type of data on user-defined criteria.

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8. What do you mean by polymorphism?

9. Explain virtual inheritance?

**10.** Write a program to search or find the position of a given key in a 2D matrix. All rows and columns are sorted.

**11.** Write a function that takes an integer and returns the number of 1 bits it has.

**12.** What do you know about Volatile keyword? Explain with an example code.

**13.** Write a code which multiplies two numbers using the minimum number of additions.

14. What do you understand by function prototype declaration and definition?

**15.** Given a singly linked list of 'N' nodes, find the middle node of the linked list. If the number of nodes is even, there will be two middle nodes. Print the second node.

16. What is a DNS server?

17. Write code to check a binary tree is BST tree or not?

18. When should structures be passed by values or by references?

19. Write a program to calculate the nth term of the Fibonacci series?

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**20.** Discuss the role of C++ shorthands.

21. How will you print a list of all unique words from a string which may contain repeated words?

**22.** How does stack look in function calls? Write a recursive function call, how will the stack look like?

23. Differentiate between typedef and #define?

**24.** Tell me about different OS-related issues for a given set of C-programs (mainly address issues address space, paging etc.) Copyright to: https://www.freshersnow.com/

25. What do you understand by OS? Explain in Easiest way.

26. What is Synchronization? What is Mutex? Explain the Reader Writer Problem

**27.** Write a code that efficiently counts the total Set Bits in a number.

28. When does stack (process stack) overflow? What are the remedies?

**29.** How to differentiate between char a[]= ?String and char\*a =?String.

**30.** What are the different layers in TCP/IP model? What are the protocols associated with each layer?

**31.** You're given an array containing 'N' distinct numbers taken from the range 0 to N. For an array with only N numbers out of a total of N+1 numbers, find the missing number.

32. If you are given the name of the function at run time how will you invoke the function?

33. How can one application use the same API provided by different vendors at the same time?

34. Describe the different styles of function prototypes in C++.

**35.** Write the syntax and purpose of a switch statement.

36. Explain the term virtual machine?

37. What is the best data structure and algorithm to implement cache?

38. How will you design a data structure for excel spreadsheets?

**39.** Explain the working of the stack while calling a function? When stack overflow occurred?



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**40.** Explain the meaning for the declaration: int\*const p & const int\* const p?

#### **Adobe HR Interview Questions for Freshers**

- 1. Tell me something about yourself
- 2. In which extra-curricular activities have you participated?
- 3. Why should you be preferred over others?
- 4. Explain your shortcomings and strengths.
- 5. Why do you want to join Adobe?
- 6. Are you a goal-oriented individual?
- 7. Where do you want to be ten years from now?

**8.** Tell some unique and different quality that you possess which makes you a more desirable candidate for the company?

**9.** You are not among the toppers, where do you stand (rank) in your class, what is the reason for not being on the top?

10. How would you describe your ideal job?



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Adobe Off Campus	Adobe Placement Papers
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Off Campus Drives	Verbal Ability Questions & Answers
Technical Quizzes	Freshers Jobs
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