

# Google Interview Questions for Freshers



## Google Technical Interview Questions

1. How do you use a "Local Block"?
2. Compare "Switch" statement and "Multiple-If" statements.
3. Write a program to compare lengths of two strings.
4. What are the characteristics of modern DBMS?
5. Give any two points of difference between C++ and Java.
6. Explain RDBMS and how is it different from DBMS.
7. What is nested loop? What is dangling else condition in it?
8. Describe your Final Year project. What was novelty in it?
9. What keyword would you use for Development of a Software Life Cycle? Define this keyword.
10. What is jump statement in C++?
11. Technical questions regarding various projects undertaken during the course of engineering.
12. Write a code to generate divisors of an integer.
13. What do you understand by inheritance and explain its various types?
14. List different attributes in ER model of DBMS.
15. What do you know about the latest developments in the IT industry?

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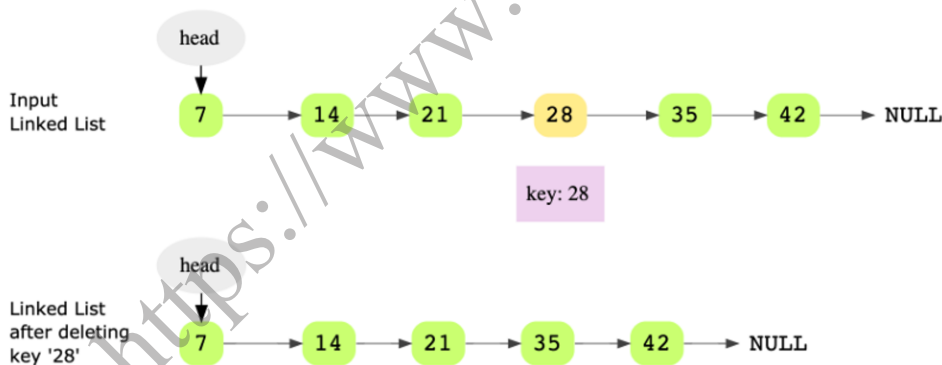
## Google Coding Interview Questions

1. Given an array of integers and a value, determine if there are any two integers in the array whose sum is equal to the given value. <https://www.freshersnow.com/>



Target Sum	10	$7 + 3 = 10, 2 + 8 = 10$
Target Sum	19	No 2 values sum upto 19

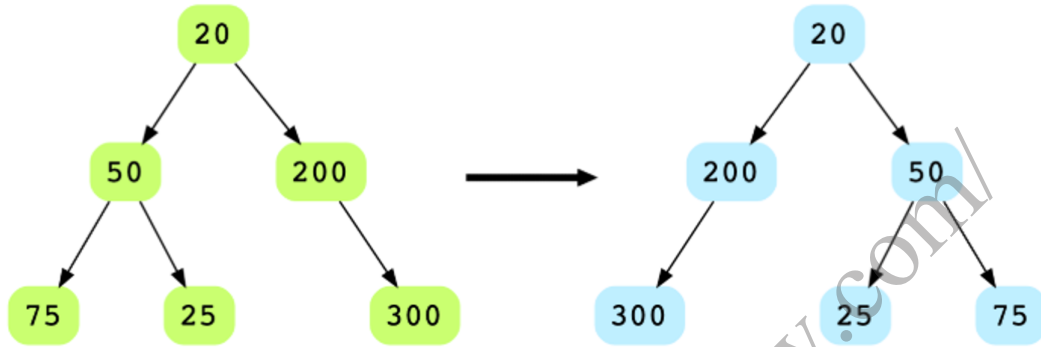
2. You are given the head of a linked list and a key. You have to delete the node that contains this given key.



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3. Given the root node of a binary tree, swap the 'left' and 'right' children for each node.



4. Given a dictionary of words and an input string tell whether the input string can be completely segmented into dictionary words.

Given dictionary of words

apple	pear	pier	pie
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Input string of "applepie" can be segmented into dictionary words (apple and pie)

apple	pie
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Input string of "applepeer" cannot be segmented into dictionary words.

apple	peer
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5. Given an array, find the contiguous subarray with the largest sum.



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6. Given an input string, determine if it makes a valid number or not. For simplicity, assume that white spaces are not present in the input. <https://www.freshersnow.com/>

**4.325** is a valid number.

**1.1.1** is NOT a valid number.

**222** is a valid number.

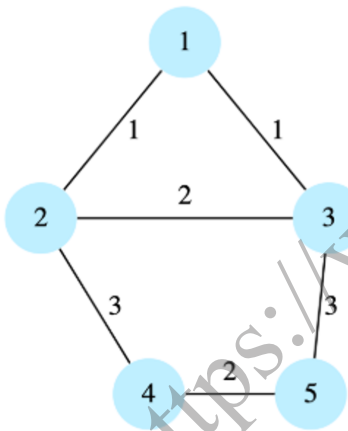
**22.** is NOT a valid number.

**0.1** is a valid number.

**22.22.** is NOT a valid number.

**1.** is NOT a valid number.

7. Find the minimum spanning tree of a connected, undirected graph with weighted edges.



8. Given a sorted array of integers, return the low and high index of the given key. Return -1 if not found. The array length can be in the millions with many duplicates.



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## Google HR Interview Questions And Answers

### 1. Tell us about yourself

Your goal when you have asked for this question is to convey what you are and the interviewer has to know about your capabilities. While answering this question, make sure that you mentioned your educational qualification, strengths, projects, likes, dislikes, etc., However, by your answer to this question, the panel will come to know what you are capable of and will decide to fit you in the desired job role. <https://www.freshersnow.com/>

### 2. What are your short-term goals?

At that instant of time, anyone's goal is to get selected for the company. Let the panel know how much you want to get the job in their company. Also, you can mention your future with the company, saying that 'I would like to be truthful and faithful to this company by contributing as much as I can for its wellness. And I would like to see myself in a recognizable position.'

### 3. Do you have any plans for further education?

If you really have any plans for further education, then only you proceeded with this question. Either you can say like, 'For the wellness of the company if it needs anything more from me, I am ready to go for the further education. If it is not much required, I will continue to work in the organization.' Keep one thing in mind, you must be genuine and honest while answering this question.

### 4. Why did you choose this career?

Answer this question with the general sense stating that you have opted for this career for a purpose. The purpose of your choice must satisfy you and the people that live with you. You can convey the answer by stating that, 'As there is much demand for the technology, and for its making, I thought why shouldn't be a part of it. That is why I choose this field as my career.'

### 5. What are your strengths?

You will be asked this question by the interview panel to know your capabilities in solving the problems. Showcase your strengths and let them know what actually you are. To make your explanation more simple, you can tell the recent experience, where you have used your strength to get into the situation.

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