**Date: 02-09-2022 Abhishek- (6years Experience )Kirti Gupta-**

Reverse the linked list

Find the unique combination of all such 4 elements which sum is equivalent to given target

**Date: 02-09-2022 Shashikant -4.2 years Ankita Garg**

<https://www.geeksforgeeks.org/find-the-number-occurring-odd-number-of-times/>

<https://practice.geeksforgeeks.org/problems/finding-middle-element-in-a-linked-list/1>

Jaspreet- 8 years candidate:-

Round 1: Panel- Ankush Jain

coding question on arrays  
 1) place all postive no. on even index and all negative no. on odd index  
 2) given an array print all the pair where sum is equal to a given no.  
 for ex :   
input :8  
 array : {1,3,6,7,5,0}  
 output: [1,7] [3,5]  
 3) given an array , print the index of an array where sum of left of that index and sum of right of that index should be equal

round 2: Panel- Amit Malik  
   
1) given an array , find the minimum distance between two number.  
 2) thread safety behaviour on spring beans ..singleton and prototype  
 3) project overview

Recently asked ques for car’s team-

1- Difference between Monolithic and Microservices and Why to consider Microservices over monolithic?

2. How to authenticate microservices?

3.How Auth2 works?

4.End to end flow of rest api(System design of college management system) .

5.Second level caching in hibernate.

6. How to implement your own caching?

7.Second most occurring word in an array containing list of words.

8. What is Application gateway and its features

9. How to handle distributed transaction in microservices.

Please find the questions below asked for Car’s team-

1) WAP to print number from 1 to 100, if number is divisble by 3 print "Fizz", if number is divisble by 5 print "Buzz".

2) Why we use static method ?

3) is it mandatory to initialize local variable ?

4) WAP - given arr = {aaa, bbb, ccc, bbb, aaa, aaa}, print the second most repeated string in O(n) complexity. For example in the given input output will be "bbb" count 2.

5) What is MVC ?

6) Role of DAO in MVC.

7) How will we update DAO if we are changing database from SQL to Oracle ?

Below are the questions asked during the 1st round of interview with Expedia cars team-

Candidate told me that it was more a technical discussion than an interview there were no specific questions asked to him. But he was just mainly focusing on his past experience and the technologies he has worked on with.

Spring Boot  
 2. How to do the server configuration?  
 3. Discussed about the current project he is working on right now and how the architecture has been designed for the same?  
 4. Performance related question to cache implementation   
5. Monitoring tools and how to monitor the apps?  
 6. JAVA latest version being used right now and what the difference between them? And what are the JAVA 8 new feature?  
 7. How to configure the system and check ram size usage?  
 8. Most of the discussion was towards the backend

**Questions asked by Kirti Gupta** to Ajay: (Cars team – SDE2): Reverse LinkedList programming

longest common prefix.

Reversing LinkedList

array of spring- number or digit

MongoDB

Spring boot

Pavan- 3 round questions

Input: 1 2 3 4 5

Output: 5 4 3 2 1

Input: nums = [1,0,-1,0,-2,2], target = 0

Output: [[-2,-1,1,2],[-2,0,0,2],[-1,0,0,1]]

Hacker rank programming

• Array Programme: <https://www.geeksforgeeks.org/largest-sum-contiguous-subarray/>

what is a preprocessor in spring boot? coupling and cohesion

dependency injection in Sping **microservices vs monolithic** design pattern I have used

Create a student Microservice which can store the new student with all its field in the database and get the single data and get all the data at once and which database and how many services we need to write.

Input:

N = 6

arr[] = {aaa, bbb, ccc, bbb, aaa, aaa} Output: bbb

Explanation: "bbb" is the second most occurring string with frequency 2.

Please find the interview questions asked to Anoop Car’s team- Expedia (Panel- Piyush Parmar) Questions-

// Create a student MicroService which can store the new student with all its fields in the database and get the single data and also get all the data at once

and which database and how many services we need to write.

// dependency injection in Spinga nd microservices architecture

// Discussed about the current project he is working on right now and how the architecture has been designed for the same?

Recently asked ques for car’s team-

1- Difference between Monolithic and Microservices and Why to consider Microservices over monolithic?

2. How to authenticate microservices? 3.How Auth2 works?

1. End to end flow of rest api(System design of college management system) .

**Questions asked to Java candidate- Piyush Parmar: -**

* Student Management System to understand the steps involved in creating Microservice. Our Student Management System will implement only one function to allow college/ school to make Student Records. We need first name, last name, date of birth, subject name, section, and teacher name during student onboarding.

Below questions are related to above questions while implementing a new service.

* Write API's create Student, fetct AllStudent, fetctStudentById. Structure method and other details.
* Service layer and Dao layer for API's.
* Impact if we change SQL to NOSQL.
* How to provide security for Service.
* Any cache would be used to improve performance.
* How to implement our own cache.
* Difference between Monolithic and Microservices and Why to consider Microservices over monolithic?
* 2. How to authenticate microservices?
* 3.How Auth2 works?
* 4.End to end flow of rest api(System design of college management system) .
* 5.Second level caching in hibernate.
* 6. How to implement your own caching?
* 7.Second most occurring word in an array containing list of words.
* 8. What is Application gateway and its features
* 9. How to handle distributed transaction in microservices.
* WAP to print number from 1 to 100, if number is divisble by 3 print "Fizz", if number is divisble by 5 print "Buzz".
* Why we use static method?
* Is it mandatory to initialize local variable?
* WAP - given arr = {aaa, bbb, ccc, bbb, aaa, aaa}, print the second most repeated string in O(n) complexity. For example, in the given input output will be "bbb" count 2.
* What is MVC?
* Role of DAO in MVC.
* How will we update DAO if we are changing database from SQL to Oracle?

**Question asked by: - Udai**

Mainly focusing on his experience and the technologies he has worked on with.

* Spring Boot  
  How to do the server configuration?  
  Discussed about the current project he is working on right now and how the architecture has been designed for the same?  
  Performance related question to cache implementation   
  Monitoring tools and how to monitor the apps?  
  JAVA latest version being used right now and what the difference between them? And what are the JAVA 8 new feature?  
  How to configure the system and check ram size usage?  
  Most of the discussion was towards the backend