1. **Company - To The New Profile – Quality Engineer** 
   1. **Round 1** – Aptitude Test Quantative, Reasoning, Verbal, Technical
   2. **Round 2 – Technical**
   3. Q1) Introduce yourself.
   4. Q2) Difference between Buffer and String Buffer.
   5. Q3) Overloading and overriding.
   6. Q4) OOPs Concepts.
   7. Q5) What is automation and what are automation tools.
   8. Q6) My Sql – Write a query to find second highest salary in employee table.
   9. Q7) Explain BVA – with example.
   10. Q8) What is equivalence partitioning.
   11. Q9) Why QE, why not developer.
   12. Q10) What do you know about collections.
   13. Q11) Difference between string and list?
2. **Round 3 – Technical cum HR** 
   1. Q1) Introduce Yourself.
   2. Q2) Tell me something more about your family.
   3. Q3) My Sql – Write a query to find second highest salary in employee table.
   4. Q4) A pond has flowers in it each day the flowers in the pond get doubled if the pond gets full on 20th day, on which day the pond will fill half?
   5. Q5) Program on String reversal (example – Merry Christmas)
   6. Q6) Program on palindrome
   7. Q7) Why TTN?
   8. Q8) Why QE, why not developer?
3. **TTN technical interview are as follows:-**
   1. Oops Concept in brief with example.
   2. Interviewer gave me some scenario and asked me to write code implementing Oops concepts in it.
   3. Why Exception handling when it should be used and how it can be achieved.
   4. Difference between static and dynamic polymorphism.
   5. What is Multithreading and how it can be achived.
   6. Explain collections in java briefly.
   7. Difference between array and arraylist.
   8. What are maps in collections.
   9. Asked me to write down the schemea for my project in which i have used database.
   10. SQL Query to find the employee details who's contract is expering soon (related to my project only).
   11. Different types of joins.
   12. About Triggers, Views and stored procedures.
   13. One Coding question Remove an element from an array and print the new array.
   14. Thier were some questions related to my project.
4. **TTN-**
   1. Java
   2. Q. Explain different types of contructor
   3. Q. Is java pass by value or pass by reference
   4. Q. Can we override static methods
   5. Q. Explain role of Final keyword and Super keyword
   6. Q. Explain StringBuffer class
   7. Q. How to create a user defined exception
   8. Q. Difference between Abstract class and Interface
   9. Q. Difference between Thread class and Runnable interface
   10. Q. Difference between Hashtable and Hashmap
   11. Q. What is synchronization
   12. DBMS
   13. Q. Explain types of keys
   14. Q. Triggers and cursors
   15. Q. Find whether the given name of an employee exists in a table or not
   16. Q. Find 3rd maximum salary of an employee
   17. DS
   18. Q. Time and space complexity of sorting algorithms
   19. Q. Which traversal order produce sorted data in BST
   20. Q. What is hashing
   21. Q. Sort a matrix
   22. Q. Reverse a linked list
5. **Company- Nagarro**
   1. Technical. Questions:
   2. Projects done
   3. Two coding questions:
      1. Find merging point of two linked list
      2. Finding pair of elements whose sum is equal to given sum
   4. Hr Questions
   5. Introduction
   6. Why nagarro?
   7. Where do you see yourself after 5 years?
   8. What u did in lockdown?
   9. Which coding platform do you use?
   10. Achievements in coding platform?
   11. Technical. Questions:
   12. Projects done
   13. Two coding questions:
       * 1. Find merging point of two linked list
         2. Finding pair of elements whose sum is equal to given sum
   14. Hr Questions
   15. Introduction
   16. Why nagarro?
   17. Where do you see yourself after 5 years?
   18. What u did in lockdown?
   19. Which coding platform do you use?
   20. Achievements in coding platform?
6. **Company- Unthinkable Solutions**
   1. Technical round
   2. What is abstraction and its use.
   3. Difference between stack and queue.
   4. Difference between array and linked list.
   5. Where are linked list used.
   6. Virtual keyword in C++.
   7. Check if a number is prime.
   8. One puzzle question.
   9. Technical round 2
   10. One question on Binary search.
   11. 3rd most largest element from data base.
   12. 2 more puzzle question.
   13. HR
   14. Tell me about yourself.
   15. Why do wanna join us.
   16. Where do you see in 5 years.
   17. And then she told about unthinkable.
7. **Company- Knoldus Inc**
8. About yourself
   1. About projects
      * 1. Java
   2. String & String buffer
   3. Collections
   4. Package
   5. Virtual keyword
   6. Hashtable & hashmap
   7. Synchronization
      1. OOPS
   8. Polymorphism
   9. Inheritance
   10. Abstraction
       * 1. DBMS
   11. Delete & Truncate
   12. 3rd largest salary from table
   13. Keys (Primary, Foreign, Candidate, Alternate)
       1. Index
   14. Normalisation
   15. Constraints
   16. Joins
   17. ACID
   18. Stored procedures
       1. HR-
   19. Where u live?
   20. How will u manage?
   21. About academics
   22. Achievements during lockdown
   23. Strengths
   24. Any ques from me
9. **Company- App Inventiv**
   1. Technical
   2. About yourself
   3. Projects
   4. OOPs
   5. Collection
   6. Reverse an array
   7. Collections
   8. Joins
   9. ACID
   10. Stored procedures
   11. Normalisation
   12. Keys
10. **Company: Reingames:**
    * 1. Technical:
    1. Define an array of size n, tell minimum number of jumps required to reach the end of the array.
    2. Write the code in any language to create this pattern. [Right triangle ]
    3. Fins a substring from a string, most recent and non repetitive.
    4. Fins a substring from a string, that has repeated maximum number of times.
    5. Find all the string between two specified positions.
    6. 1000 persons are sitting in a circle, pick every forth person from the ring.
    7. Return the last sitting person.
    8. Company: NCR
    9. Student: mehak mittal
    10. 1 difference between real DOM and virtual DOM?
    11. What are events, what information is listed when an event is generated?
    12. What are hooks? What is usestate () function?
    13. What is the direct competition of react?
    14. How JS is different form JSX?
    15. How Next.js is better than React.JS
    16. What o you think is mre important for a user point of view front end or back end ? why
    17. What is life cycle? Explain lifecycle of a component in react?/ lifecycle of thread?
    18. render() function in a class
11. **TTN Technical interview questions:**
    1. Difference between Buffer and String Buffer.
    2. Overloading and overriding.
    3. OOPs Concepts. Live example
    4. What do you know about collections.
    5. Difference between string and list?
    6. A situation is given and asked about which OOPs concept is implemented here.
    7. Why Exception handling when it should be used and how it can be achieved.
    8. Difference between static and dynamic polymorphism.
    9. What is Multithreading and how it can be achived.
    10. Explain collections in java briefly.
    11. Difference between array and arraylist.
    12. 8. What are maps in collections.
    13. Explain different types of contructor
    14. Is java pass by value or pass by reference
    15. Can we override static methods
    16. Explain role of Final keyword and Super keyword
    17. Explain StringBuffer class
    18. How to create a user defined exception
    19. Difference between Abstract class and Interface
    20. Difference between Thread class and Runnable interface
    21. Difference between Hashtable and Hashmap
    22. What is synchronization
12. **Naggarow:**
    1. What is abstraction and its use.
    2. Difference between stack and queue.
    3. Difference between array and linked list.
    4. Where are linked list used.
    5. Virtual keyword in C++.
    6. String & String buffer
    7. Collections
    8. Package
    9. Virtual keyword
       1. Hashtable & hashmap
    10. Synchronization
    11. Polymorphism
    12. Inheritance
    13. Abstraction
    14. Lab Exercise:
    15. Program on String reversal (example – Merry Christmas)
    16. Program on palindrome
    17. Check a number is prime number or not?
    18. Write a program to reverse an array [String/Integer]
    19. **Company name: Edrika solutions**
    20. Java
    21. What is static keyword.
    22. How Multiple inheritance is achieved in java
    23. Wrapper Classes – what are they, why they are needed.
    24. Hashing concept – hashcode method
    25. Object class and its methods
    26. can equals method be overloaded
    27. synchronization in multithreading
    28. System.out.println();  meaning of each keyword in this statement
    29. Collection Framework- speacially hashset,hashmap -> working of hashcode method behind the scene
    30. super and this keyword can they be used together
    31. final keyword and its usage
    32. complexity of different algorithms in different scenarios -> hashing , sorting
    33. Comparable interface
    34. output questions on inheritance, overriding concept

DBMS

* 1. what is Indexing and why we need it
  2. types of indexing
  3. difference between b and b+ trees
  4. hashing concept
  5. difference between having and where clause
     1. db schema designing in different scenarios
     2. ex. Teacher and Department are two entities and one teacher can work in only one department but on department will be having multiple teachers.
  6. Design the db in this case