AMDOCS

1) Tell me about yourself

2) Print a pattern with 1 loop

3) Diff blw StringBuilder and String Buffer

4) Explain your Project

5) Binary Search Tree

6) Reverse a String

7) Inbrite a recursive function for Fibonacci

Amdocs

Sql

- What are sequences
- What are views
- If any row is modified in view then does it affect the original table
- If original table is modified then view gets affected or not.
- If u will add any column to the original table then view gets affected or not.
- primary key
- Sql queries on group by
- How to apply filters on above group by query.

Unix

- tell some commands of unix
- grep command.
- grep command use & write one commad for pattern matching using grep.
- pipe command & syntax.
- ls command.

C

- questions on pointers

Java

- Arraylist
- HashMap
- clone
- clear method of Arraylist.
- One program related to Arraylist
- " " " HashMap

Amdocs.

C:

- Data Types in C.
- what is size of int *ptr;
  char *ptr;
  float *ptr;
  double *ptr;
- Why is the size of char *ptr 4?.
- Write a c code of singley linked list.
- what is void *ptr?
- Why is it void *ptr?.

Mohsin

Q] Program for Prime Nos.

Q] Program to make a class immutable.

Q] Explain the tables in your project & write the queries used.

Q] Explain what is Indexing.

Q] Write implementation of tree.

Q] Explain Concepts of oops? what which one is better ? & ?

Q] Rules of overriding ?

Explain Each one & tell the reason of these rules are made.

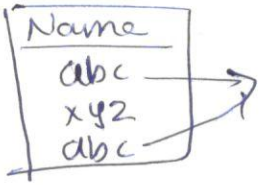
Q] Can we handle Errors? Explain reasons.

Q] List<Integer> li = new ArrayList<>(); will it work ?

List<Object> li = new ArrayList<Integer>(); —11—

```
Class A
  {
    void handle (Throwable t)
        {
        }
  }
B Extends A
  {
    void handle (Runtime Exception e)
        {
        }
C extends B
  {
    void handle (Sql Exception)
        {}
  }
Main{
```

Table



→ Find all the repetative Entries.

Select Name from table join table on table.name = table.name
group by name having count(name) > 1;

What is arraylist?
LinkedList? & when to use which

- Why Map is different from Collections hierarchy?
- Why Collections class is not included in the hierarchy?
- Difference bet array & arraylist & when to use which.
- How map works internally?
- How set works internally?
- How set knows that this is a duplicate value or unique value. & how it accepts only unique value.
- How arraylist increases its size dynamically?
- How to copy an array wiout using any loops?
- Set s = new hashset();

  s.add("Abc");
  s.add("Abc");

  which exception will it give?

- List<Integer> li = new ArrayList<Integer>();

  li.add(1);
  (2);
  (3);

  List<String> l2 = new ArrayList<String>();

  Object[] ob = li;

  ob[0] = li;

1. Project Description – full explanation, read description from resume. If you can draw diagram, do draw.

2.

2. BE/ BTech Project Explanation.

3. Javascript, jquery, Angular JS.
difference b/w Angular JS and javascript –
u can provide web-services in Angular JS.

4. Are you comfortable with testing techniques?
I said Yes.

5. How did your front end with backend?
→ Hibernate template

6. Annotations, @Autowired, @Controller etc

7. Validations with annotations what all did you use? eg: @NotEmpty @Range

8. How did u implement pillars of OOPS in your project? → Web Page:- Abstraction.
Dao Impl:- Polymorphism
Data into DB – Encapsulation
or data into dropdown ?

9. How did u generate pdf of invoice.
– Refer pdf code of Nitin Sir

10. Your tables are all master tables or transaction tables →

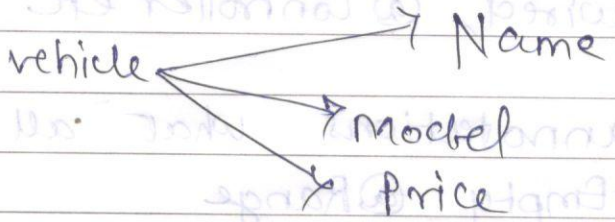
11. So if what if the company changes the price of the vehicle or add another model. what provision you will have for that? — Admin Module can be created which will allow the company to add into Db

12. Which type of Queries did you use to retrieve your data. → HQL.

13. How did u show the vehicle information on the web page? — Through query and putting it into list.

14. Do you know github? Did u use it in your project? -

15. There is a vehicle object



write a method in java which has the following functionality -

price > 5,00,000
model < 2000
depreciate price by 5%.

You have vehicle object as an argument of the method.