**Question Set**

**Vishal -**

* Difference between String and String buffer?
* How to handle exceptions in Java?
* Difference between Exception and Error?
* What all application container have you worked on?
* How to create pipe line in Jenkins?
* How does CI Process work?
* Final Vs Finally Vs Finalize?
* How to promote code from one environment to another environment using pipeline?
* Ant Vs Maven Vs Gradle? Which build tool is preferred and why?
* How to create a build using maven?
* How to handle branching/merging while working on parallel sprints?
* How SVN is different from GIT?
* How to use Groovy while building pipeline?
* How to handle Database delta scripts deployment using CD process? How to handle alter/rollback scripts? Is there any tool that you have used to promote database scripts?
* Any CD tools used?
* What is the difference between Junit and Mockito?
* Experience in Selenium testing?
* How does Lambda function work in Java/Groovy?
* Experience in XLRelese of XebiaLabs and how it works?
* How does closure work in Groovy?
* Have you worked on any BDD framework? How does it work?
* How would you manage an approval step in CD process before promoting artifact to target environment?
* What artifact repository have you used?

**Laxmi -**

* Have you customized maven build process to generate additional artifact (e.g. ZIP)
* Created any Pipeline in Jenkins?
* What are all the methods need to over ride for serializable interface?
* How do we can access methods from abstract class?
* How do we create copy of an object with same parameter?
* what is difference between interface and abstract class?
* what is difference between string and string buffer?
* what is  immutable and mutable?
* can we write main method as public void static main(String[] args) then what will happen?
* how do we clone an object?
* what is difference between hash map and hash table
* collection, arraylist and hashset, which one you will prefer and why?
* New Features of Java?

**Sudheer-**

* Please rate yourself in java (scale of 1 to 10)
* What is serialization?
* Explain Jenkins CI process and how to u build ?
* How to handle exceptions?
* What is catch keyword ?
* abstract class vs interface ?
* What containers have you worked on?
* Explain about REST implementation that you have worked on?
* How does junit testing work?
* What mocking frameworks have you used?
* In collections why do we use Hash set ?
* What are object methods ? explain finally ?
* What are the design patterns you worked on?
* Explain about maven?
* How to auto deploy in maven?
* What are closures?
* What is relationship between hash code & to string?

**Gokila –**

* Difference between SOAP and REST
* Difference between RPC and document literal
* Abstractions and inheritance
* What will happen if abstract and final keywords are used simultaneously
* How the class are loaded in java
* Exception handling
* What will happen if method is declared as final
* What is static variable and static block
* Ant scripts
* JUNIT
* How the webservice is exposed
* How webservice is tested in your application
* How do you choose between SOAP and REST
* Container
* What will happen if we import same package twice

**DevOps**

Firstly delivered too single user bases, with continuous monitoring identify the bugs and get user feedback. When bugs are fixed and user feedback are incorporated with CD(continuous development) and continuous testing, then that updated features are deployed with the same user base. Process continues in the same way until and unless the features are stable and users are happy with the features. When the stability is achieved the features are deployed in multiple user bases by turning on different delivery pipeline.

On the contrary if users don’t like the feature it can rollback and remove the feature.

1. Continuous development.
2. Continuous Testing.
3. Continuous Integration.
4. Continuous Deployment.
5. Continuous Monitoring.