1. **What is memory leak?**

It occurs when the resident memory program does not return or release allocated memory space, even after execution, resulting in slower or unresponsive system behaviour.

1. **What are all the tools using?**

Eclipse

Jira

Git/SVN

Maven

Junkins

**3 servers**

WEBAPP versions

Tomacat (7.0.94) JBoss (AS 7.1.0.**Final)**

Weblogic (12cR2 (12.2.1.3)

Websphere (9.0.)

1. **Git Commands?**

gitInit:- Initialize a local Git repository.

git clone:- Create a local copy of a remote repository.

git status:- Check status

git add [file-name.txt]:- Add a file to the staging area

git add –A:- Add all new and changed files to the staging area

git commit -m :- Commit changes

gitrm -r [file-name.txt]:- Remove a file (or folder)

**5 Agile methodology?**

AGILE methodology is a practice that promotes **continuous iteration** of development and testing throughout the software development lifecycle of the project.

The agile software development emphasizes on four core values.

1. Individual and team interactions over processes and tools
2. Working software over comprehensive documentation
3. Customer collaboration over contract negotiation
4. Responding to change over following a plan

**6 SDLC(Software Development Life Cycle)?**

Software development lifecycle (SDLC) is a framework that defines the steps involved in the development of software. It covers the detailed plan for building, deploying and maintaining the software.

* Phase 1: Requirement collection and analysis
* Phase 2: Feasibility study:
* Phase 3: Design:
* Phase 4: Coding:
* Phase 5: Testing:
* Phase 6: Installation/Deployment:
* Phase 7: Maintenance:

**7 Technologies Versions**

1) Java 1.8

2) Jdbc 4.1, 4.2

3) Servlet 4.0

4) JspServlet 3.0, **JSP** 2.2, EL 2.2

5) hibernate **hibernate**-core. 5.0.7.**Final**.jar

6) Spring core **5.1**.x

7) Hibernate Template

8) Jdbc template5.1.7.**RELEASE**

9) Spring mvc 5.0x

10) Html **HTML** 5.

11) Jquery 3.4.0

12) Java script1.8.5.

13) Css **CSS** 3.