***Maven Topics :-***

1. Introduction
2. Properties
3. Build Life Cycle
4. IDE Integration
5. Multi Module
6. Parent POM
7. Repository Settings
8. Settings.XML file generation
9. Proxy and Mirror setup
10. Snap shots

Assignments :

**Assignment:1**

a)Use Mvn help:effective-pom to generate the consolidated pom

Or any other source and figure all tags

b) Distribute the tags into Maven and User Program columns

List all tags in the table below

TagName Used or Comments

Dependency To download the required Jars specified by tag

.

. .. ..

. .. ..

And distribute it in the table with below columns

* Maven
* User Program
* Comments repositories
* dependencies
* pluginRepositories
* build

Assignment:2

Problem statement

This project involves simple web application. Which is to be developefd by 3 groups which will be used to develop a simple car pool application where user can register there rides and commuters can share the ride , implement login , logout , register ride , opt for ride

1) Security team - encryption in some form while storing the passwords in db and decrypt when reading which is implemented as a user defined plugin

2) Database Team – this will basically develop the DAO required to access the data base

3) UI Team -- this is all UI which can be done with html ,Jsp and any other equal technology

These 3 teams are there in different places for each team with the required tags Each team has its own test cases which we need to have the integration testing across the teams where all three team individual jar are brought into one place and the project is tested as a whole for which we have to use failsafe plugin

This project should involve the following concepts from the maven

* Integration Testing
* Unit Testing
* User Defined Plugins
* Check style
* Cobertura
* JAR
* Tomcat for deploying
* Repository