**Nxtra Data Limited (IBM + Airtel)**

**WAS Team - Middleware Data**

Day 1 (24.05.2016) : Softwares being used in the Data Center :

1) IBM Websphere – Installation Problems. Solved it. Install using the Installation Manager agent.installer.linux.gtk.x86\_1.6.2000.20130301\_2248 file given in the repository.

2) Oracle Weblogic – Installed using the wls1036\_generic.jar software which is availabe in the repository. After the free download, just install it using the ./install command on the command terminal.

Day 2 (25.05.2016) :

1) All application servers maintains the data in a generalised form, so that anybody can use your code anywhere. For example, if you code in Java programming language, the deployment of the code will take place in the application server.

Day 3 (26.05.2016) :

1) Installed the Weblogic Software and Created the domain and given the tutorial links to create servers and stuff. The basic stuff but a major step in my intern.

Day 4 (27.05.2016) :

1) Installed the Oracle Database 11g and SQLDeveloper and Eclipse for deployment of the softwares using WebLogic.

2) Depoloyed the Shopping Cart application.

Day 5 (30.05.2016) :

1) Managing the sessions.

2) Depolying applications using command terminal.

Day 6 (31.05.2016) :

1) Developing the code in Netbeans 8.1

2) Sample Applications such as making a HTML page and the JAVA classes.

3) Deployed lots of applications such as HelloWorld, Benfits, Calendar and Calculator.

Day 7 (01.06.2016) :

1) Created the Data Source and connected the database to the Oracle Weblogic

Day 8 (02.06.2016) :

1) Executed the Database and taking data from the database and deployed on the server.

Day 9 (03.06.2016) :

1) Created multiple servers and clusters in Weblogic server.

Day 10 (06.06.2016)

1) Put the weblogic module inside the Apache server and redirected the depoloyments to the apache web server. Implemented the load balancing.

2) Worked on WLST to deploy application through python scripts.

Day 11 (07.06.2016)

1) JMS Client Queue Send and Receive.

2) Installed Jdeveloper.

Day 12 (08.06.2016)

1) JMS Client Topic Send and Receive.

2) Non-Durable Subscribers and Durable Subscribers in JMS Topic.

3) JMS Priority – FIFO (First In and First Out) and LIFO (Last In and First Out).

Day 13 (09.06.2016)

1) Chat Application in Weblogic using websockets – EchoEndPoint – deployed and ran through ant.

3) Will work on creating clusters and other services through python scripts in the WLST.

4) SQL Developer – executing SQL scripts