# **Memory Management**

**To keep track of the amount of storage used for each job in jenkins. For this we need to install a plugin.**

**Steps**

1. Install a plugin **disk-usage** plugin using the steps mentioned below in the section **Steps To Install Plugin in Jenkins**
2. Once Installation is complete, login to Jenkins again;
3. On Left Navigation panel, notice a link added named Disk Usage
4. Click on **Disk Usage** link
5. It will show the summay of the storage used for each job, builds, workspaces etc and will show the time for next automatic calculation of storage usage.
6. Click on the button **Record Build Disk Usage**  to calculate the disck usage for builds manually.
7. Click on the button **Record Jobs Disk Usage**  to calculate the disck usage for jobs manually.
8. Click on the button **Record Workspaces Disk Usage**  to calculate the disck usage for workspaces manually.
9. In order to see the disk usage at project level, we ned to do a setting.
10. Navigate to Jenkins Home Page
11. Click on **Manage Jenkins**
12. Click and open **Configure System**;
13. Scroll down till section **Disk usage**
14. Select **Show disk usage trend graph on the project page** checkbox
15. Click **Save**
16. Open Jenkins Home page
17. Open any job created in previous labs.
18. View the colorful **Disk Usage Trend** graph displaying the different type of storages in different colors.

**Steps To Install Plugin In Jenkins**

1. Click **Manage Jenkins** from left panel
2. Click **Manage Plugins**
3. Navigate to **Available** Tab
4. Search the required plugin using search text box provided above;
5. Select the checkbox;
6. Repeat the steps 6 and 7 for more plugins;
7. Click **Install without restart** button
8. After seeing the blue colored Success icon against the installed plugin name.
9. Click **Restart Jenkins when Installation is complete and no jobs are running** checkbox.

*(Note:-In case you do not find any of the plugin in Available Tab, please check in Installed Tab.It may got installed as part of default plugins while installing Suggested plugins)*