1.

Aim:

To implement the Storage as a Service we use java program to access Dropbox in which we can create folders and upload our files.

Procedure:

1. Create account in drop box and open drop box developer console.
2. Generate Access Token and Application Secret from developer console.
3. Download Maven project from drop box documentation git hub page.
4. Clean and install dependencies for the maven project.
5. Open the project via importing the maven project.
6. Paste those credentials in the variable.
7. Select the file using file input reader and upload.
8. The File will be uploaded to drop box. That can be verified in drop box UI web page.

2.

Aim:

To implement big data processing using Hadoop.

Procedure:

1. Download and install jdk with java 1.8.
2. Download and extract Hadoop zip file downloaded from apache website.
3. Set java home and Hadoop home in environment variable.
4. Create the data folder in Hadoop folder.
5. Format the name node with custom name.
6. Start yarn to start Hadoop master node.
7. The server start in local host 8088 in cluster node.
8. Now Create HDFS file system in master node.