Hadoop\_Assignment1

1. Daemons of Hadoop 1?

Hadoop1 mainly has 3 daemons namely which are,

**Name Node**

**Secondery Name Node**

**Data Node**

1. Daemons of Hadoop 2?

Hadoop2 mainly has 2 daemons namely which are,

**Resource Manager, Node Manager**

1. Speculative execution in Hadoop?

* Hadoop detects when a task is running slower than expected one and launches another ,equivalent, task as a backup. This can be called as Speculative execution
* If the original task completes before the speculative task, then the speculative task is killed, on the other hand if the speculative task finishes first then the original is killed.
* The main goal of Speculative execution is reducing the job execution time

1. How do you find name node hostname address yourself?

The easiest way to find name node hostname is directly open the **core-site.xml HADOOP\_HOME/conf** directory. The value of **fs.default.name** property will tell you the host and port where NameNode is running.

1. Where is actual data stored when you place a file in hdfs?

In local file system of data nodes

1. Write a HDFS client for copying file from local file system to hdfs and check it in github and paste the github link here.

**hadoop fs -copyFromLocal <localsrc> URI**

https://github.com/colinmarc/hdfs