HADOOP –TASK-2

**1)What is the Namenode's URI and which file is it configured in?**

**a) URI is the  uniform resource identifier. It is the namenode file to configure.**

**2) 2. Where on a local file system will Namenode store its image and which file is it configured in?**

**a) The entire file system , files properties will store in** FSIMAGE .

**3.)Where on a local file system will Datanode store its blocks and which file is it configured in?**

**a) It ‘s main responsible for storeing data in HDFS, main it says slave node. It file store DS file. Datanode**

**periodically send heartbeats to namenode.**

**4 )What is the block replication and which file is it configured in?**

1. **In Hadoop file system is block relipication. HDFS is data stored file. File configured in** dfs.

Perform (pending)

1. Start HDFS and verify that it's running

2. Create a new directory /exercise1 on HDFS

3. Upload GitHub repo sample\_data/deckofcards.txt to HDFS under /exercise1 directory

4. View the content of the /exercise1 directory

5. Determine the size of the hamlet.txt file in KB that resides on HDFS (not local directory)

6. Print the first 25 lines to the screen from deckofcards.txt on HDFS

7. Copy deckofcards.txt to deckofcardsCopy.txt

8. Copy deckofcards.txt back to local file system and name it deckofcards.copy.txt

9. Check the entire filesystem for inconsistencies/problems

10. Delete deckofcards.txt from HDFS

11. Delete the /exercise1 directory from HDFS

12. Take a second to look at other available shell options.