**CSDAIA24GP002**

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**BIG DATA**

**MYSQL:**

Mysql is initiated and an empty database named gcp created.

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Using gcp database a table named **nycbike** created.

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Using the below displayed command the csv data file is imported from local to mysql.A computer screen shot of a code

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Ensured the data is stored(837 records are loaded).

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**HADOOP:**

Initialization of Hadoop setup is completed and ensured.

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**SQOOP:**

Using the below command the table nycbike from database gcp is imported to hdfs through sqoop.

*import*

Sqoop import –connectjdbc:mysql://localhost:3306/gcp –username root -p –query –table nycbike –target-dir /sqoopdata -m 1

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Sqoop import –connectjdbc:mysql://localhost:3306/gcp –username root -p –query –table nycbike –where “usertype  =’Subscriber’” –target-dir /sqoopdata2 -m 1

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Sqoop import –connect jdbc:mysql://localhost:3306/gcp –username root -p –query “select\*from nycbike where usertype=’customer’ and \$CONDITIONS” –split-by tripduration –target-dir /sqoopdata3

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Finally, the above all Sqoop command processes are stored in Hadoop and it is ensured (through hdfs dfs -ls / command)

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**HIVE:**

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