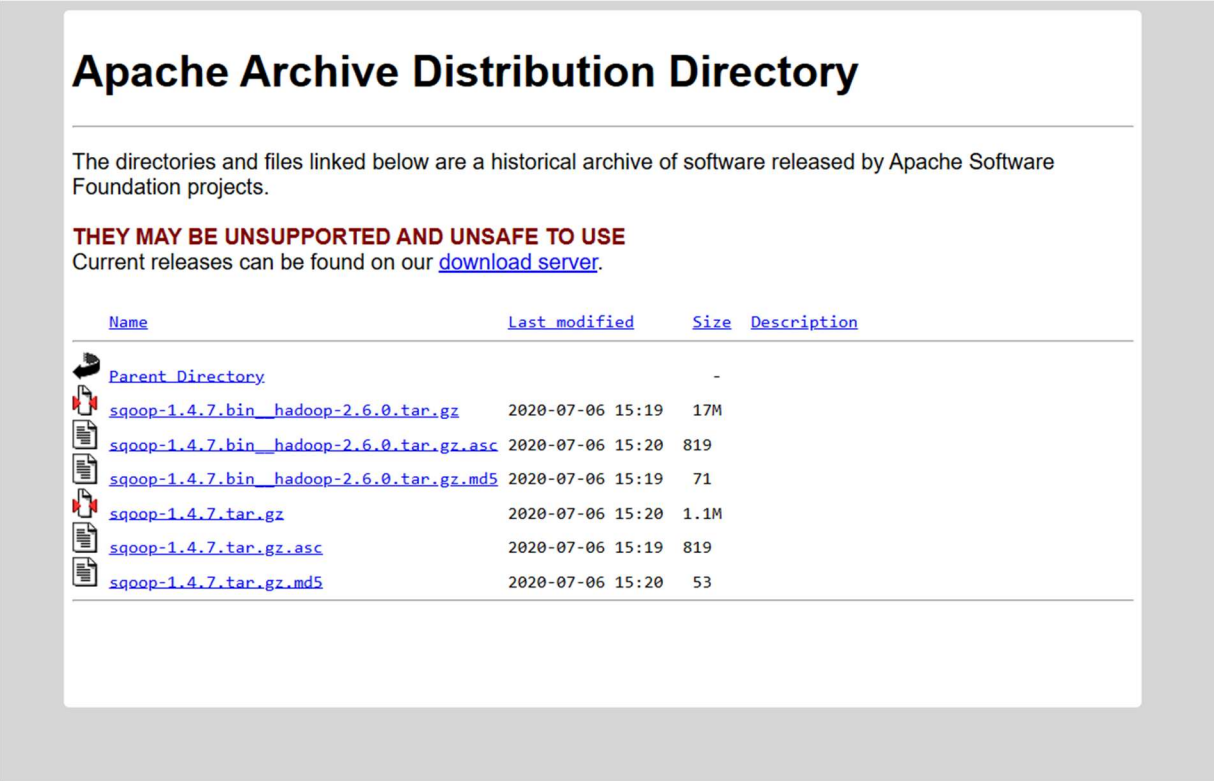
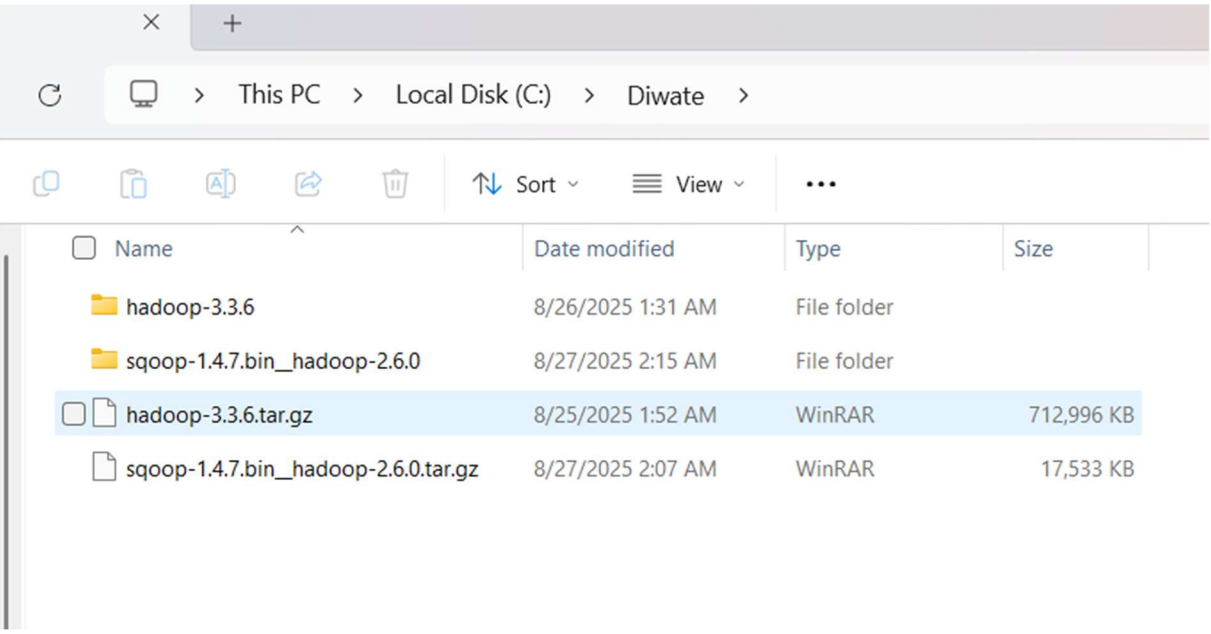
Steps to Install and Configure Apache Sqoop

Step 1: Download & Extract Sqoop

- Download **Sqoop 1.4.7** from the Apache archives.



Extract it into a folder Diwate (e.g., C:\diwate\sqoop-1.4.7).



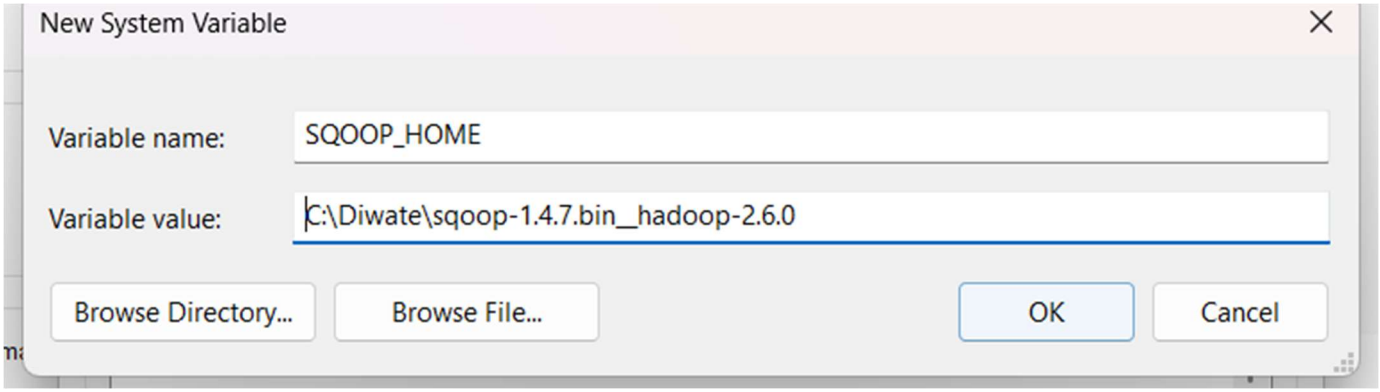
```
C:\Users\User>tar -xvzf "C:\diwate\sqoop-1.4.7.bin__hadoop-2.6.0.tar.gz"
x sqoop-1.4.7.bin__hadoop-2.6.0/
x sqoop-1.4.7.bin__hadoop-2.6.0/CHANGELOG.txt
x sqoop-1.4.7.bin__hadoop-2.6.0/COMPILING.txt
x sqoop-1.4.7.bin__hadoop-2.6.0/LICENSE.txt
x sqoop-1.4.7.bin__hadoop-2.6.0/NOTICE.txt
x sqoop-1.4.7.bin__hadoop-2.6.0/README.txt
x sqoop-1.4.7.bin__hadoop-2.6.0/bin/
x sqoop-1.4.7.bin__hadoop-2.6.0/bin/configure-sqoop
x sqoop-1.4.7.bin__hadoop-2.6.0/bin/configure-sqoop.cmd
x sqoop-1.4.7.bin__hadoop-2.6.0/bin/sqoop
x sqoop-1.4.7.bin__hadoop-2.6.0/bin/sqoop-codegen
x sqoop-1.4.7.bin__hadoop-2.6.0/bin/sqoop-create-hive-table
x sqoop-1.4.7.bin__hadoop-2.6.0/bin/sqoop-eval
x sqoop-1.4.7.bin__hadoop-2.6.0/bin/sqoop-export
x sqoop-1.4.7.bin__hadoop-2.6.0/bin/sqoop-help
x sqoop-1.4.7.bin__hadoop-2.6.0/bin/sqoop-import
x sqoop-1.4.7.bin__hadoop-2.6.0/bin/sqoop-import-all-tables
x sqoop-1.4.7.bin__hadoop-2.6.0/bin/sqoop-import-mainframe
x sqoop-1.4.7.bin__hadoop-2.6.0/bin/sqoop-job
x sqoop-1.4.7.bin__hadoop-2.6.0/bin/sqoop-list-databases
x sqoop-1.4.7.bin__hadoop-2.6.0/bin/sqoop-list-tables
x sqoop-1.4.7.bin__hadoop-2.6.0/bin/sqoop-merge
x sqoop-1.4.7.bin__hadoop-2.6.0/bin/sqoop-metastore
x sqoop-1.4.7.bin__hadoop-2.6.0/bin/sqoop-version
x sqoop-1.4.7.bin__hadoop-2.6.0/bin/sqoop.cmd
x sqoop-1.4.7.bin__hadoop-2.6.0/bin/start-metastore.sh
```

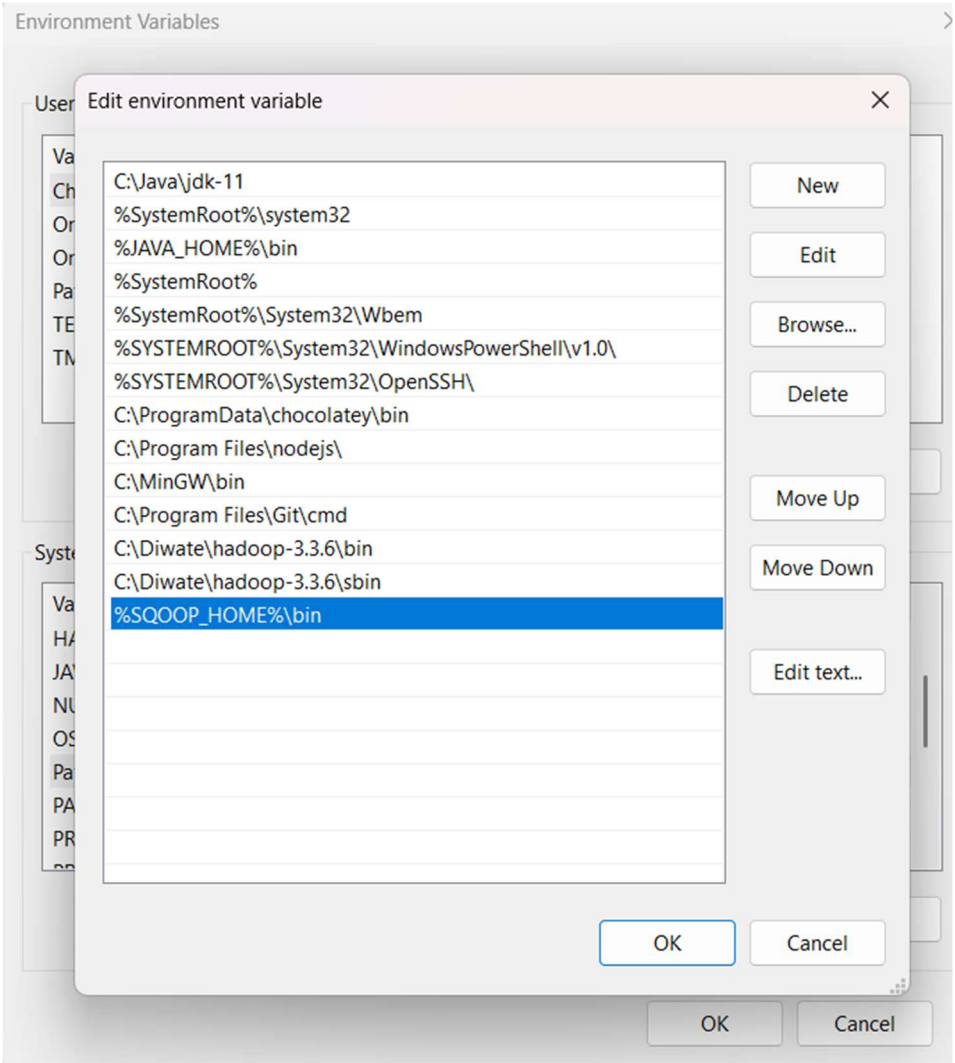
```
Command Prompt - tar -xvzf

x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/SQLServerExportOutputFormat.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/SQLServerResilientExportOutputFormat.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/SQLServerResilientUpdateOutputFormat.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/SQLServerUpdateDBExecThread.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/SequenceFileExportMapper.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/SequenceFileImportMapper.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/SqoopMapper.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/SqoopReducer.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/TextExportMapper.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/TextImportMapper.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/UpdateOutputFormat.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/cubrid/
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/cubrid/CubridUpsertOutputFormat.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/db/
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/db/BasicRetrySQLFailureHandler.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/db/BigDecimalSplitter.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/db/BooleanSplitter.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/db/DBConfiguration.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/db/DBInputFormat.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/db/DBOutputFormat.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/db/DBRecordReader.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/db/DBSplitter.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/db/DataDrivenDBInputFormat.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/db/DataDrivenDBRecordReader.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/db/DateSplitter.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/db/Db2DBRecordReader.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/db/Db2DataDrivenDBInputFormat.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/db/Db2DataDrivenDBRecordReader.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapreduce/db/FloatSplitter.java
x sqoop-1.4.7.bin__hadoop-2.6.0/src/java/org/apache/sqoop/mapre
```

Step 2: Set Environment Variables

- Add a new system variable:
    - SQOOP_HOME = C:\sqoop-1.4.7

Edit **PATH** variable → Add:
C:\sqoop-1.4.7\bin





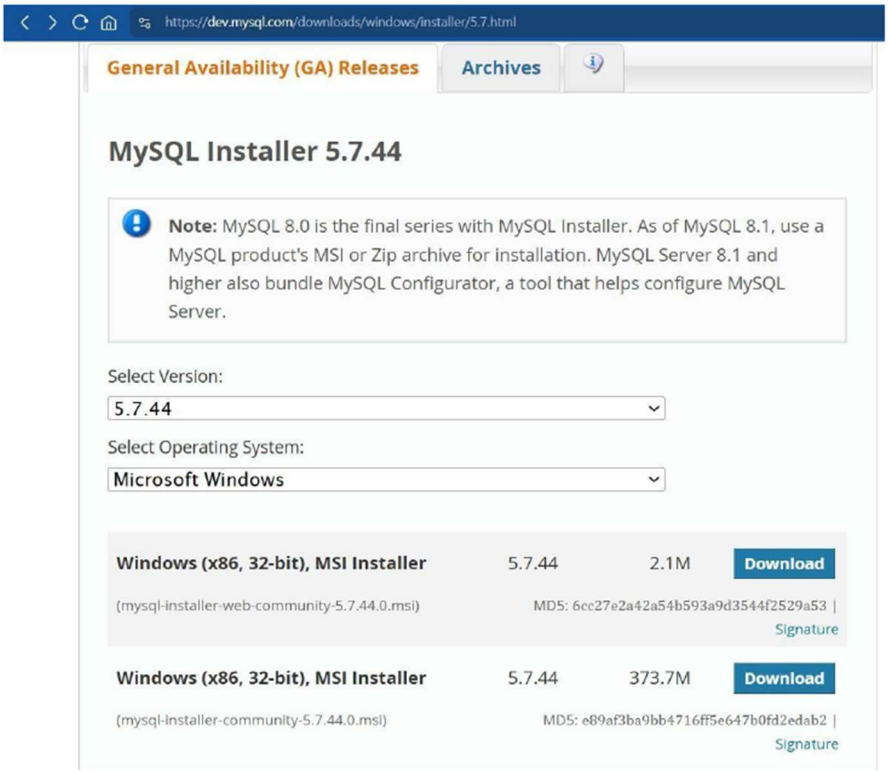

```
C:\Diwate>cd..

C:\>setx SQOOP_HOME "C:\Diwate\sqoop-1.4.7.bin__hadoop-2.6.0"

SUCCESS: Specified value was saved.

C:\>setx PATH "%PATH%;%SQOOP_HOME%\bin"

SUCCESS: Specified value was saved.

C:\>
```

3. Verify Installation

Open **Command Prompt** and check:

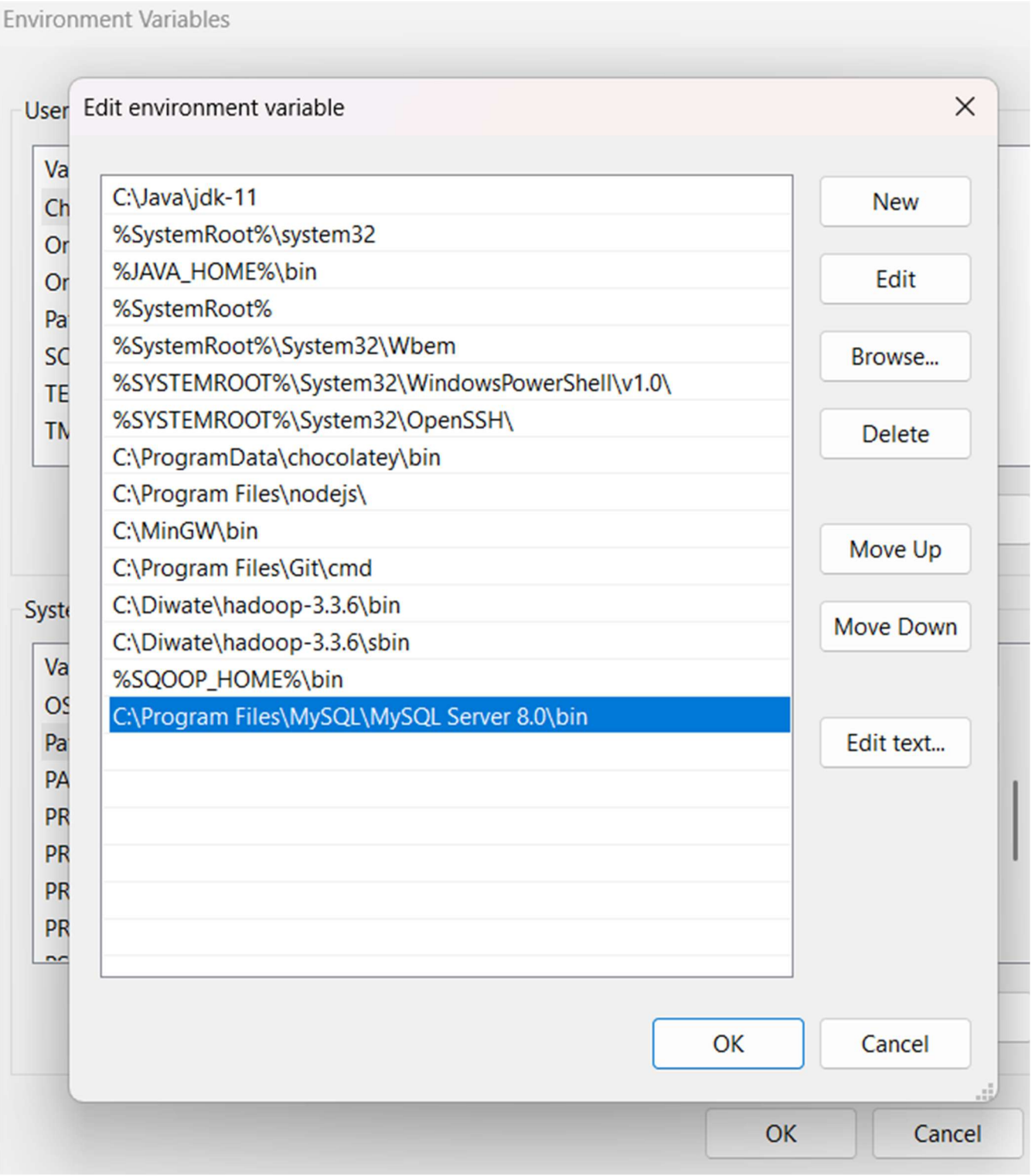
```
C:\Users\User>sqoop version
Warning: HBASE_HOME and HBASE_VERSION not set.
Warning: HCAT_HOME not set
Warning: HCATALOG_HOME does not exist HCatalog imports will fail.
Please set HCATALOG_HOME to the root of your HCatalog installation.
Warning: ACCUMULO_HOME not set.
Warning: ZOOKEEPER_HOME not set.
Warning: HBASE_HOME does not exist HBase imports will fail.
Please set HBASE_HOME to the root of your HBase installation.
Warning: ACCUMULO_HOME does not exist Accumulo imports will fail.
Please set ACCUMULO_HOME to the root of your Accumulo installation.
Warning: ZOOKEEPER_HOME does not exist Accumulo imports will fail.
Please set ZOOKEEPER_HOME to the root of your Zookeeper installation.
'C:\Program' is not recognized as an internal or external command,
operable program or batch file.
2025-08-27 02:28:05,596 INFO sqoop.Sqoop: Running Sqoop version: 1.4.7
Sqoop 1.4.7
git commit id 2328971411f57f0cb683dfb79d19d4d19d185dd8
Compiled by maugli on Thu Dec 21 15:59:58 STD 2017

C:\Users\User>
```

Step 4 : Download and install mysql (select 2nd one)



After downloading process gets completed double click on it to start the installation, Don't make any changes in the predefined options, keep clicking on next until screen to setup password pops up. Set password as "root"

After installation add path of the bin directory to system's path variable



Verify the installation of mysql

```
C:\Users\User>mysql -u root -p
Enter password: *********
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 11
Server version: 8.0.39 MySQL Community Server - GPL

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> |
```
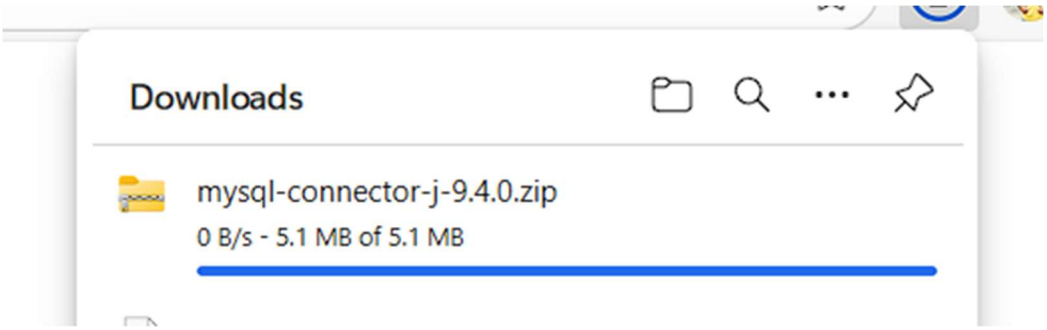
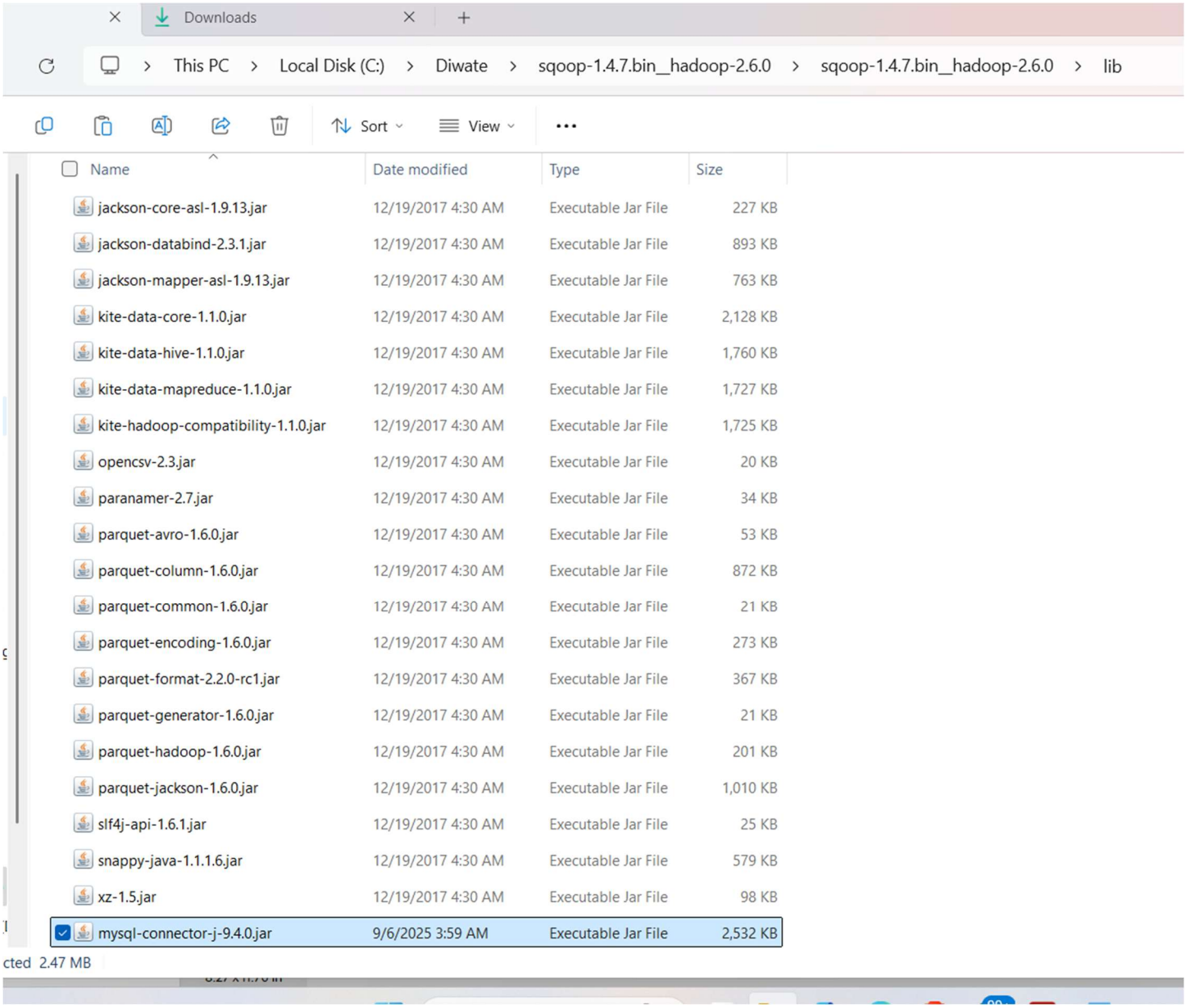

Install JDBC connector (both tar and zip have same content, zip is preferred bcz of quick extraction)



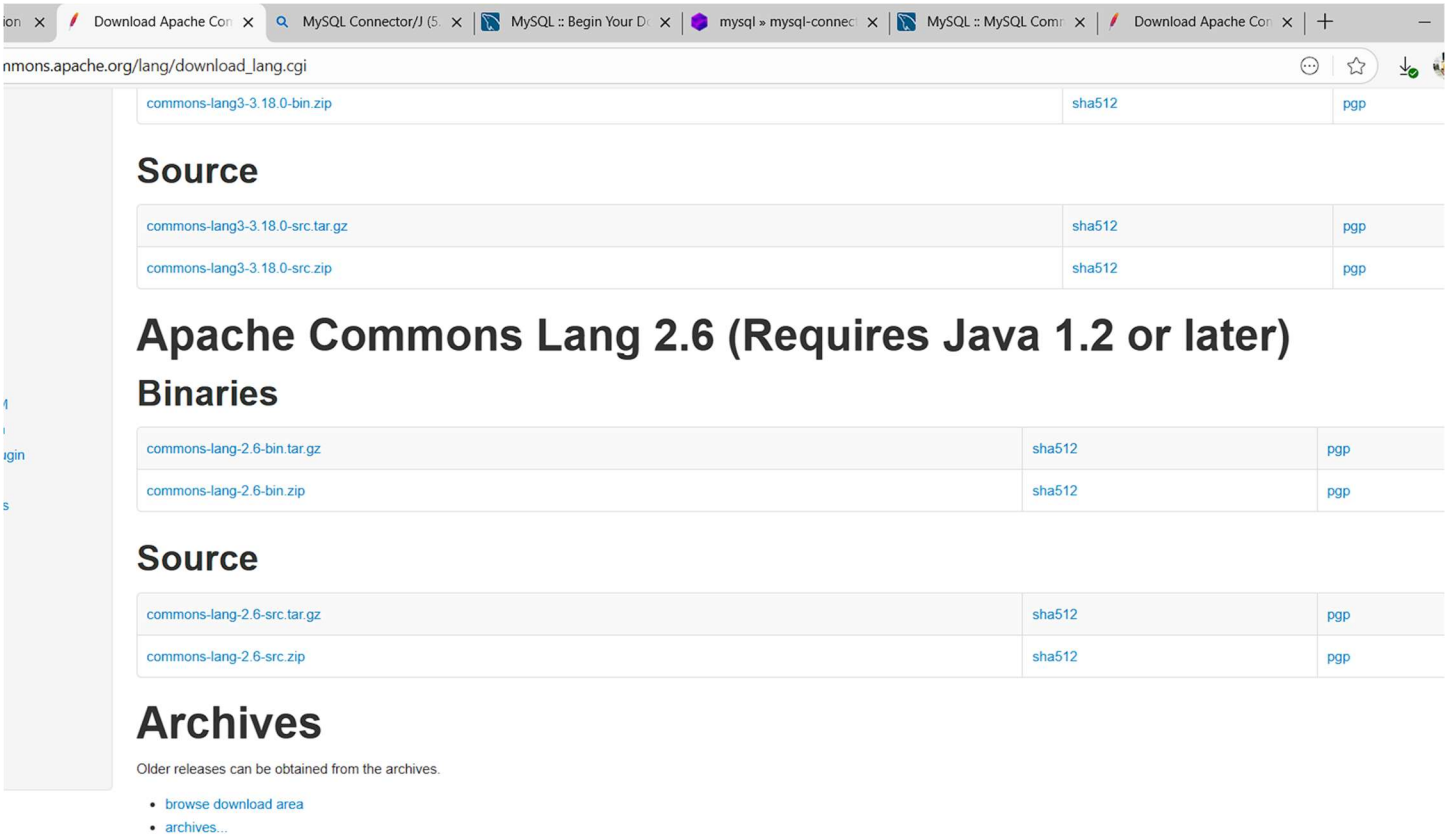
After extracting find *mysql-connector-java-5.1.49.jar* and copy it to *your_sqoop_path/lib*



Download commons-lang-2.6 (jar of 277kb)

Can also be downloaded from official site https://commons.apache.org/lang/download_lang.cgi

But following one worked



commons-lang3-3.18.0-bin.zip	sha512	pgp

Source

commons-lang3-3.18.0-src.tar.gz	sha512	pgp
commons-lang3-3.18.0-src.zip	sha512	pgp

Apache Commons Lang 2.6 (Requires Java 1.2 or later)

Binaries

commons-lang-2.6-bin.tar.gz	sha512	pgp
commons-lang-2.6-bin.zip	sha512	pgp

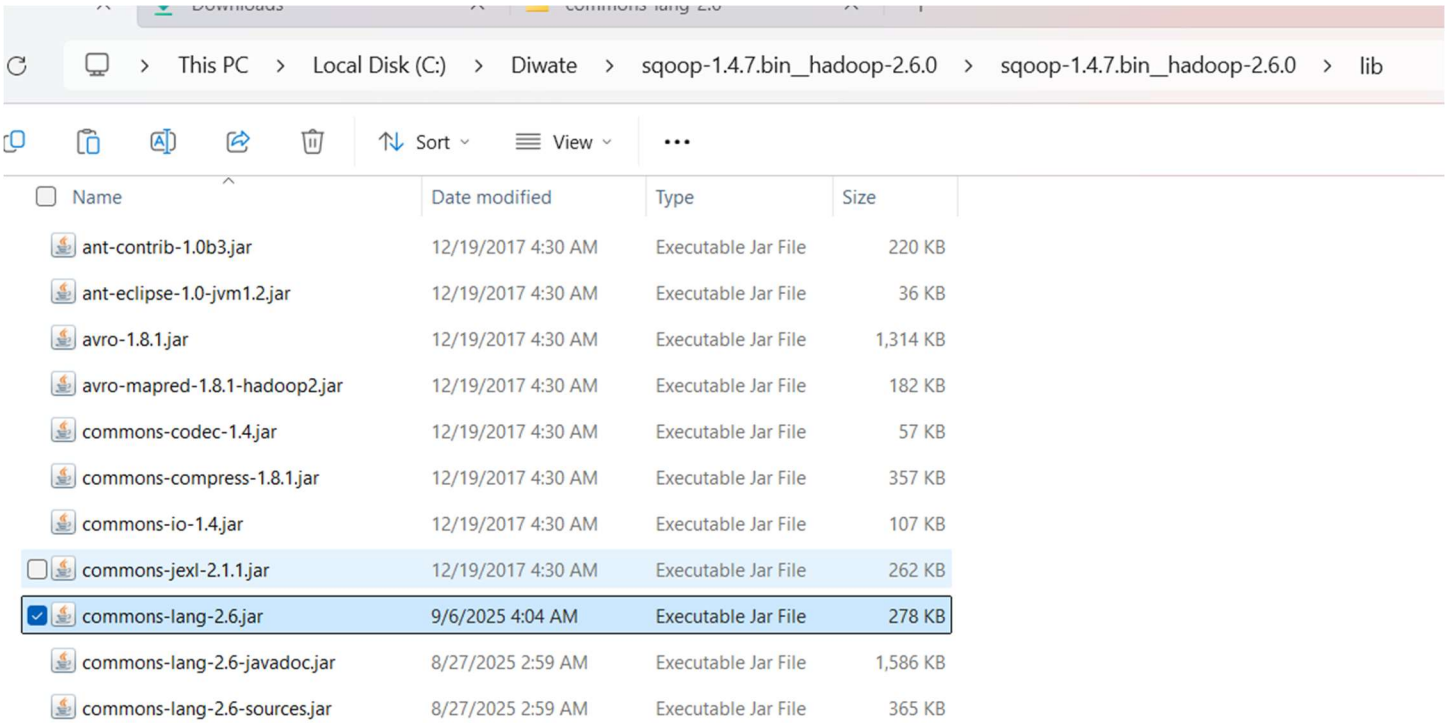
Source

commons-lang-2.6-src.tar.gz	sha512	pgp
commons-lang-2.6-src.zip	sha512	pgp

Archives

Older releases can be obtained from the archives.

- browse download area
- archives...



This PC > Local Disk (C:) > Diwate > sqoop-1.4.7.bin__hadoop-2.6.0 > sqoop-1.4.7.bin__hadoop-2.6.0 > lib

Name	Date modified	Type	Size
ant-contrib-1.0b3.jar	12/19/2017 4:30 AM	Executable Jar File	220 KB
ant-eclipse-1.0-jvm1.2.jar	12/19/2017 4:30 AM	Executable Jar File	36 KB
avro-1.8.1.jar	12/19/2017 4:30 AM	Executable Jar File	1,314 KB
avro-mapred-1.8.1-hadoop2.jar	12/19/2017 4:30 AM	Executable Jar File	182 KB
commons-codec-1.4.jar	12/19/2017 4:30 AM	Executable Jar File	57 KB
commons-compress-1.8.1.jar	12/19/2017 4:30 AM	Executable Jar File	357 KB
commons-io-1.4.jar	12/19/2017 4:30 AM	Executable Jar File	107 KB
commons-jexl-2.1.1.jar	12/19/2017 4:30 AM	Executable Jar File	262 KB
commons-lang-2.6.jar	9/6/2025 4:04 AM	Executable Jar File	278 KB
commons-lang-2.6-javadoc.jar	8/27/2025 2:59 AM	Executable Jar File	1,586 KB
commons-lang-2.6-sources.jar	8/27/2025 2:59 AM	Executable Jar File	365 KB

mapred-site.xml

C: > Diwate > hadoop-3.3.6 > etc > hadoop > mapred-site.xml

```xml
<?xml version="1.0"?>
<?xml-stylesheet type="text/xsl" href="configuration.xsl"?>
<!--
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  you may not use this file except in compliance with the License.
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    http://www.apache.org/licenses/LICENSE-2.0

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  distributed under the License is distributed on an "AS IS" BASIS,
  WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
  See the License for the specific language governing permissions and
  limitations under the License. See accompanying LICENSE file.
-->

<!-- Put site-specific property overrides in this file. -->

<configuration>
  <property>
    <name>mapreduce.framework.name</name>
    <value>yarn</value>
  </property>
</configuration>
```

mapred-site.xml | hdfs-site.xml

C: > Diwate > hadoop-3.3.6 > etc > hadoop > hdfs-site.xml

```xml
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/xsl" href="configuration.xsl"?>
<!--
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  you may not use this file except in compliance with the License.
  You may obtain a copy of the License at

    http://www.apache.org/licenses/LICENSE-2.0

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  distributed under the License is distributed on an "AS IS" BASIS,
  WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
  See the License for the specific language governing permissions and
  limitations under the License. See accompanying LICENSE file.
-->

<!-- Put site-specific property overrides in this file. -->

<configuration>
  <property>
    <name>dfs.replication</name>
    <value>1</value>
  </property>
</configuration>
```

mapred-site.xml | hdfs-site.xml | yarn-site.xml

C: > Diwate > hadoop-3.3.6 > etc > hadoop > yarn-site.xml

```xml
<?xml version="1.0"?>
<!--
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  you may not use this file except in compliance with the License.
  You may obtain a copy of the License at

    http://www.apache.org/licenses/LICENSE-2.0

  Unless required by applicable law or agreed to in writing, software
  distributed under the License is distributed on an "AS IS" BASIS,
  WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
  See the License for the specific language governing permissions and
  limitations under the License. See accompanying LICENSE file.
-->
<configuration>
  <property>
    <name>yarn.nodemanager.aux-services</name>
    <value>mapreduce_shuffle</value>
  </property>
</configuration>
```

Run *hdfs namenode -format* then *start-yarn.cmd* and then *start-dfs.cmd* in cmd as administrator, this will start the datanode, namenode, resource manager and node manager.

(don't close the autoopen autoopened cmd tabs) After running use jps cmd to verify if all of them are running or not

```
C:\Windows\System32>jps
17076 Jps
24148 DataNode
25572 ResourceManager
10940 NodeManager
15980 NameNode
```

Create a database and a table in the mysql

```
C:\Windows\System32>mysql -u root -p
Enter password: *********
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 13
Server version: 8.0.39 MySQL Community Server - GPL

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Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> CREATE DATABASE yashdiwate;
Query OK, 1 row affected (0.05 sec)

mysql> SHOW DATABASES;
+--------------------+
| Database           |
+--------------------+
| car_owner          |
| collage            |
| ig_clone           |
| information_schema |
| instagram          |
| mysql              |
| performance_schema |
| project2           |
| sys                |
| testdb             |
| yashdiwate         |
+--------------------+
11 rows in set (0.04 sec)

mysql> USE yashdiwate;
Database changed
mysql>
```

```
mysql> USE car_owner;
Database changed
mysql> SELECT * FROM owner_name;
+----+---------+
| id | name    |
+----+---------+
|  1 | Yash    |
|  2 | Vaibhav |
|  3 | Anush   |
+----+---------+
3 rows in set (0.01 sec)
```

Grant priviledges so that hadoop can read or write in the db

```
ysql> -- Grant ALL privileges on car_owner database to root user
ysql> GRANT ALL PRIVILEGES ON car_owner.* TO 'root'@'localhost';
uery OK, 0 rows affected (0.04 sec)

ysql>
ysql> -- Specifically grant insert, update, delete privileges on owner_name table
ysql> GRANT INSERT, UPDATE, DELETE ON car_owner.owner_name TO 'root'@'localhost';
uery OK, 0 rows affected (0.01 sec)

ysql>
ysql> -- Refresh the privileges to make them effective immediately
ysql> FLUSH PRIVILEGES;
uery OK, 0 rows affected (0.02 sec)
```

Now import the table as text file from mysql to hadoop

Cmd:

sqoop import --connect jdbc:mysql://localhost:3306/car_owner --username root --password Admin@123-table owner_name --target-dir /user/hadoop/owner_name --fields-terminated-by "," -m 1

```
:\Diwate>sqoop import --connect jdbc:mysql://localhost:3306/car_owner --username root --password Admin@123 --table owner_name --
target-dir /user/hadoop/owner_name --fields-terminated-by "," -m 1
Warning: HBASE_HOME and HBASE_VERSION not set.
Warning: HCAT_HOME not set
Warning: HCATALOG_HOME does not exist HCatalog imports will fail.
Please set HCATALOG_HOME to the root of your HCatalog installation.
Warning: ACCUMULO_HOME not set.
Warning: ZOOKEEPER_HOME not set.
Warning: HBASE_HOME does not exist HBase imports will fail.
Please set HBASE_HOME to the root of your HBase installation.
Warning: ACCUMULO_HOME does not exist Accumulo imports will fail.
Please set ACCUMULO_HOME to the root of your Accumulo installation.
Warning: ZOOKEEPER_HOME does not exist Accumulo imports will fail.
Please set ZOOKEEPER_HOME to the root of your Zookeeper installation.
'C:\Program' is not recognized as an internal or external command,
operable program or batch file.
2025-09-17 04:36:14,041 INFO sqoop.Sqoop: Running Sqoop version: 1.4.7
2025-09-17 04:36:14,061 WARN tool.BaseSqoopTool: Setting your password on the command-line is insecure. Consider using -P instead
.
2025-09-17 04:36:14,183 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.
2025-09-17 04:36:14,183 INFO tool.CodeGenTool: Beginning code generation
Loading class `com.mysql.jdbc.Driver'. This is deprecated. The new driver class is `com.mysql.cj.jdbc.Driver'. The driver is auto
matically registered via the SPI and manual loading of the driver class is generally unnecessary.
2025-09-17 04:36:14,706 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `owner_name` AS t LIMIT 1
2025-09-17 04:36:14,768 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `owner_name` AS t LIMIT 1
2025-09-17 04:36:14,779 INFO orm.CompilationManager: HADOOP_MAPRED_HOME is C:\diwate\hadoop-3.3.6
Note: \tmp\sqoop-User\compile\151cce47fed60b6195cf6abcf7dae518\owner_name.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
2025-09-17 04:36:18,290 INFO orm.CompilationManager: Writing jar file: \tmp\sqoop-User\compile\151cce47fed60b6195cf6abcf7dae518\o
wner_name.jar
2025-09-17 04:36:18,313 WARN manager.MySQLManager: It looks like you are importing from mysql.
2025-09-17 04:36:18,313 WARN manager.MySQLManager: This transfer can be faster! Use the --direct
2025-09-17 04:36:18,313 WARN manager.MySQLManager: option to exercise a MySQL-specific fast path.
```

```
                Launched map tasks=1
                Other local map tasks=1
                Total time spent by all maps in occupied slots (ms)=8091
                Total time spent by all reduces in occupied slots (ms)=0
                Total time spent by all map tasks (ms)=8091
                Total vcore-milliseconds taken by all map tasks=8091
                Total megabyte-milliseconds taken by all map tasks=8285184
        Map-Reduce Framework
                Map input records=2
                Map output records=2
                Input split bytes=87
                Spilled Records=0
                Failed Shuffles=0
                Merged Map outputs=0
                GC time elapsed (ms)=94
                CPU time spent (ms)=1843
                Physical memory (bytes) snapshot=248676352
                Virtual memory (bytes) snapshot=428519424
                Total committed heap usage (bytes)=185597952
                Peak Map Physical memory (bytes)=248676352
                Peak Map Virtual memory (bytes)=428519424
        File Input Format Counters
                Bytes Read=0
        File Output Format Counters
                Bytes Written=22
```

hdfs

Verify the transfer

```
C:\Diwate>mysql -u root -p
Enter password: *********
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 12
Server version: 8.0.39 MySQL Community Server - GPL

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
```

```
mysql> USE car_owner;
Database changed
mysql> SELECT * FROM owner_name;
+----+---------+
| id | name    |
+----+---------+
|  1 | Yash    |
|  2 | Vaibhav |
|  3 | Anush   |
+----+---------+
3 rows in set (0.00 sec)
```

Now export the text file from Hadoop to mysql

Cmd:

sqoop export --connect jdbc:mysql://localhost:3306/car_owner --username root --password root --table owner_name --export-dir /user/hadoop/owner_name -m 1 -- driver com.mysql.jdbc.Driver --input-fieldsterminated-by ','

```
C:\Diwate>mysql -u root -p
Enter password: *********
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 15
Server version: 8.0.39 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> USE yashdiwate;
Database changed
mysql> DELETE FROM students;
Query OK, 3 rows affected (0.01 sec)

mysql> exit;
Bye
```

```
C:\Diwate>sqoop import --connect jdbc:mysql://localhost:3306/car_owner --username root --password Admin@123 --table owner_name --
target-dir /user/hadoop/owner_name --fields-terminated-by "," -m 1
Warning: HBASE_HOME and HBASE_VERSION not set.
Warning: HCAT_HOME not set
Warning: HCATALOG_HOME does not exist HCatalog imports will fail.
Please set HCATALOG_HOME to the root of your HCatalog installation.
Warning: ACCUMULO_HOME not set.
Warning: ZOOKEEPER_HOME not set.
Warning: HBASE_HOME does not exist HBase imports will fail.
Please set HBASE_HOME to the root of your HBase installation.
Warning: ACCUMULO_HOME does not exist Accumulo imports will fail.
Please set ACCUMULO_HOME to the root of your Accumulo installation.
Warning: ZOOKEEPER_HOME does not exist Accumulo imports will fail.
Please set ZOOKEEPER_HOME to the root of your Zookeeper installation.
'C:\Program' is not recognized as an internal or external command,
operable program or batch file.
2025-09-17 04:36:14,041 INFO sqoop.Sqoop: Running Sqoop version: 1.4.7
2025-09-17 04:36:14,061 WARN tool.BaseSqoopTool: Setting your password on the command-line is insecure. Consider using -P instead
.
2025-09-17 04:36:14,183 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.
2025-09-17 04:36:14,183 INFO tool.CodeGenTool: Beginning code generation
Loading class `com.mysql.jdbc.Driver'. This is deprecated. The new driver class is `com.mysql.cj.jdbc.Driver'. The driver is auto
matically registered via the SPI and manual loading of the driver class is generally unnecessary.
2025-09-17 04:36:14,706 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `owner_name` AS t LIMIT 1
2025-09-17 04:36:14,768 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `owner_name` AS t LIMIT 1
2025-09-17 04:36:14,779 INFO orm.CompilationManager: HADOOP_MAPRED_HOME is C:\diwate\hadoop-3.3.6
Note: \tmp\sqoop-User\compile\151cce47fed60b6195cf6abcf7dae518\owner_name.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
2025-09-17 04:36:18,290 INFO orm.CompilationManager: Writing jar file: \tmp\sqoop-User\compile\151cce47fed60b6195cf6abcf7dae518\o
wner_name.jar
2025-09-17 04:36:18,313 WARN manager.MySQLManager: It looks like you are importing from mysql.
2025-09-17 04:36:18,313 WARN manager.MySQLManager: This transfer can be faster! Use the --direct
2025-09-17 04:36:18,313 WARN manager.MySQLManager: option to exercise a MySQL-specific fast path.
```

```
C:\Diwate>mysql -u root -p
Enter password: *********
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 12
Server version: 8.0.39 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
```

Verify the transfer

```
mysql> SELECT * FROM owner_name;
+----+---------+
| id | name    |
+----+---------+
|  1 | Yash    |
|  2 | Vaibhav |
|  3 | Anush   |
+----+---------+
3 rows in set (0.00 sec)
```