Create UDF (User Defined Functions) in Apache Pig and execute it in MapReduce/HDFS mode

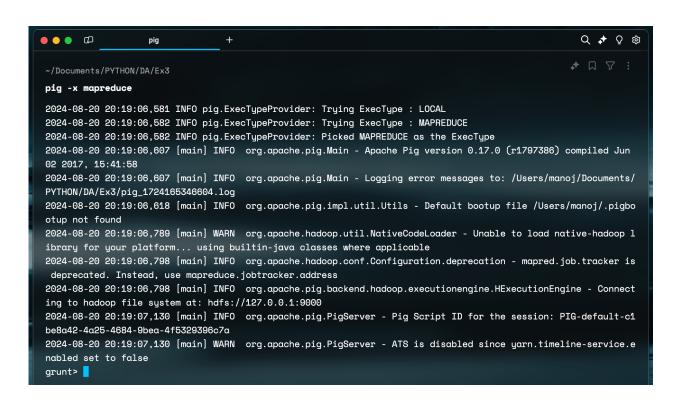
AIM:

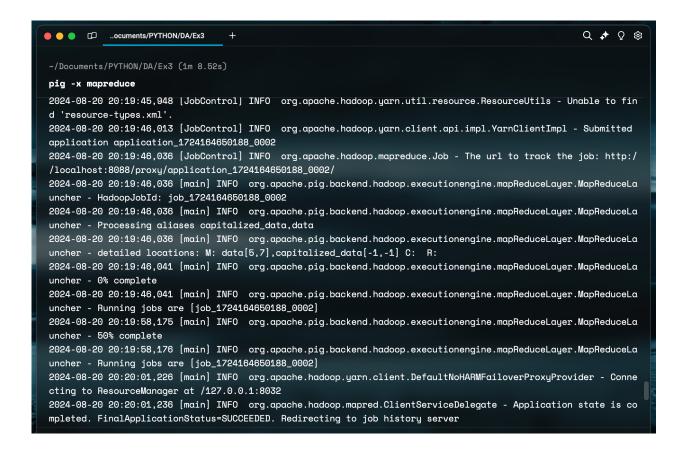
To create user defined functions in Apache Pig and execute it in MapReduce / HDFS mode.

PROCEDURES:

- 1. Write the Python UDF: Created a Python function that reverses strings.
- 2. **Register the UDF in Pig:** Registered the Python script in the Pig script using the REGISTER command.
- 3. **Use the UDF in Pig Script:** Applied the UDF to the dataset using FOREACH ... GENERATE.
- 4. **Execute the Pig Script:** Ran the Pig script in MapReduce mode to process the data on HDFS.

OUTPUT:







RESULT:

Thus, to create a UDF in Apache Pig and execute in MapReduce mdoe has been executed successfully.