Steps to run the project:

1. Stream processing layer:
   - Ssh into the remote in a new terminal
   - Cd into rishireddy/final_project
   - Run the following: **spark-submit --executor-memory 8g --driver-memory 8g --class TwitchNetworkProcessor twitch-network-processor-assembly-1.0.jar $KAFKABROKERS "twitch-network-rishireddy" https://hbase-mpcs53014-2024.azurehdinsight.net/hbaserest/**
2. Data producing layer:
   - Ssh into the remote in a new terminal
   - Cd into rishireddy/final_project
   - Run the following: **java -cp twitch-network-producer-1.0-SNAPSHOT.jar TwitchNetworkProducer $KAFKABROKERS**
3. Running the flask server:
   - Ssh into the remote
   - Run **python3 flask_server.py**
4. Running the Web app
   - Make sure you install all requirements
   - Ssh into remote on the terminal in the following way: **ssh -i "<path to key>" -C2qTnNf -D 9875 sshuser@hbase-mpcs53014-2024-ssh.azurehdinsight.net**
   - Run **streamlit run client.py**