Setup of Kafka

1. Downloading the latest version of Kafka and extracting it.
2. We are using Kraft since Zookeeper is not available in the latest version of Kafka.
3. Starting with the Kraft broker.
4. Creating a Kafka Topic
5. Running Python scripts for Producer and Consumer.
6. Once done, make sure to delete the topic.

Commands

1. ```
   $ tar -xzf kafka_2.13-4.0.0.tgz

   $ cd kafka_2.13-4.0.0
   ```

2. ```
   $ bin/kafka-server-start.sh config/server.properties
   ```

3. ```
   kafka-console-consumer.sh --topic air_quality_topic
   --from-beginning --bootstrap-server localhost:9092
   ```

4. ```
   python consumer.py
   ```

5. ```
   python producer.py
   ```

6. ```
   bin/kafka-topics.sh --delete --topic air_quality_topic
   --bootstrap-server localhost:9092
   ```

7. ```
   ps aux | grep kafka
   ```

8. ```
   kill process_id
   ```

Issues faced
1. I was running the scripts in some folder and because of that my scripts were not running.
2. I also faced some problem when another instance had already taken my port, and I was not able to debug it correctly earlier. To resolve it, I found which topics are running on my port and killed them.