Describe the following:

- Sink and Source connectors.
  - Sink: delivers data from kafka topics into other systems or any kind of database
  - Source: collect data from a system as well as collect metric from application servers into kafka topics
- The applications/advantages of using Kafka Connectors with data storage.
  - Data available for stream processing with low latency
  - REST interface
  - Distributed and scalable by default
  - Streaming and batch integration

Search the internet to answer the following question:

- What's a Key-Value (KV) database?
  - A non relational database that uses simple key-value method to store data
  - The way it stores data is as a collection of key-value pairs where the key serves as a unique identifier
- What are KV databases' advantages
  - Write and read operations are faster
  - Values can be anything
- disadvantages?
  - Not optimized for lookup
- List some popular KV databases.
  - Amazon DynamoDB
  - Oracle NoSQL Database
  - Redis

https://drive.google.com/drive/folders/1f6e9Hd4s9YGwbiDsZ9vhGRT_qlSDGOXq?usp=sharing