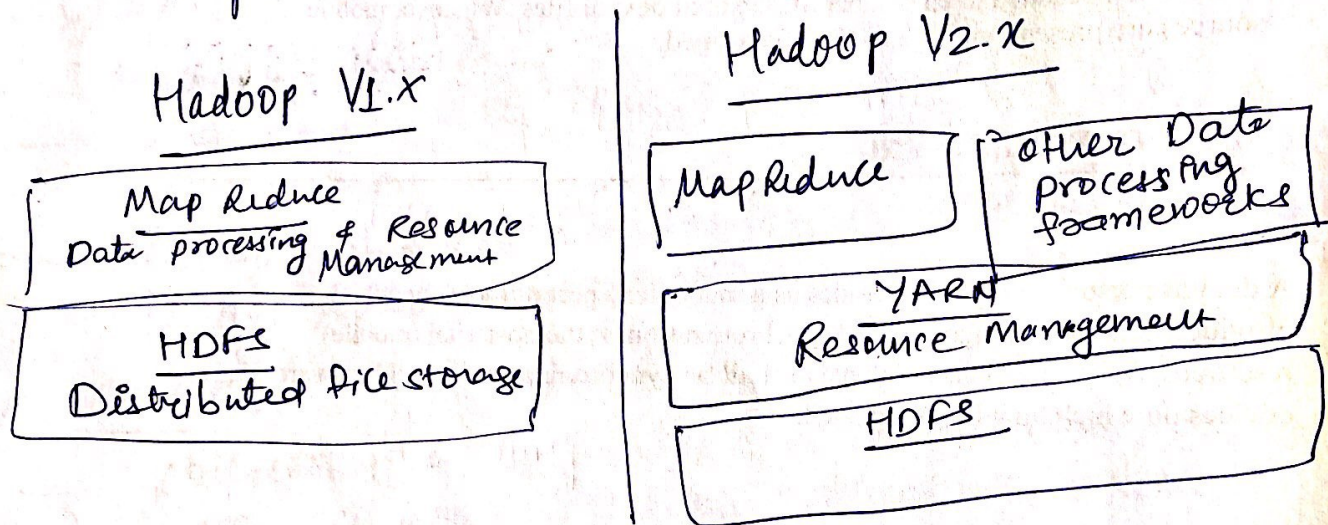
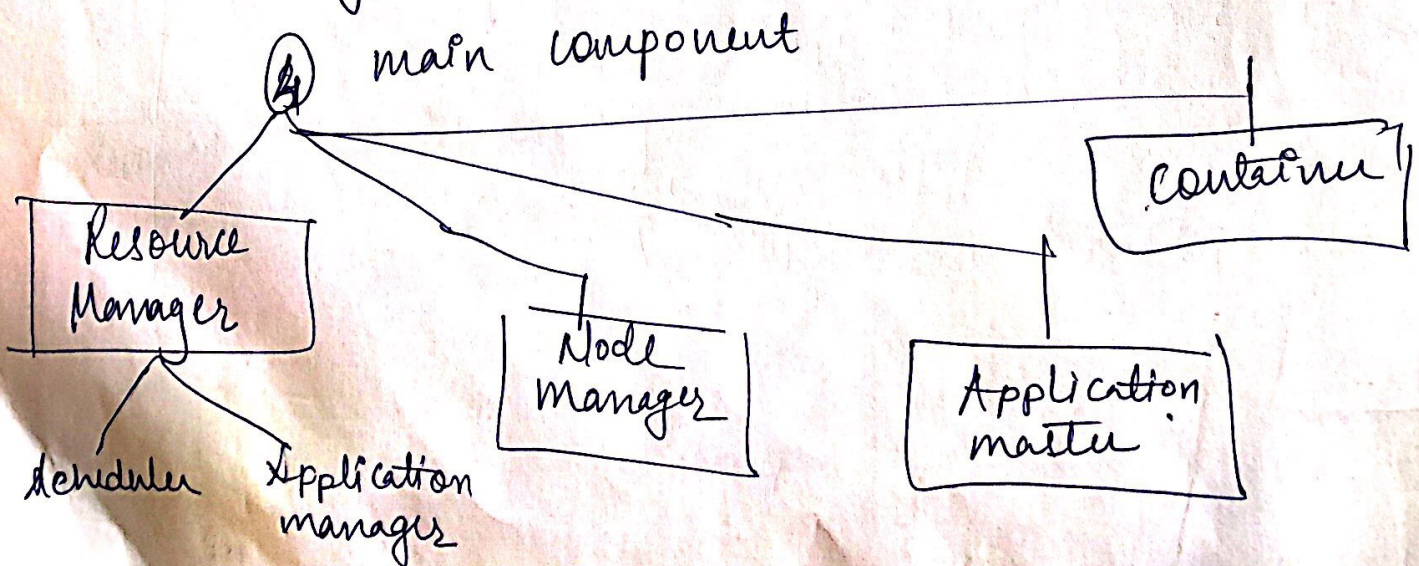


* Introduction to Hadoop YARN:

- YARN allows different data processing methods like graph processing, interactive processing, stream processing as well as batch processing to run and process data stored in HDFS.
- Therefore, YARN opens up Hadoop to other types of distributed applications beyond Map Reduce.



- YARN enabled the users to perform operations as per requirement by using a variety of tools like spark for real-time processing, HBase for NOSQL and others.



* Resource manager:

- The ultimate authority in resource allocation.
- On receiving the processing requests, it passes parts of requests to the corresponding node managers accordingly, where the actual processing takes place.

* Node manager: - like task tracker

- takes care of individual nodes in a hadoop cluster
- manages user jobs & workflow on given node.
- Manage Application containers assigned to it by resource manager.

* Container:

- collection of physical resources such as RAM, CPU cores & disk on single node.

