

YAML COURSE

21/08/23

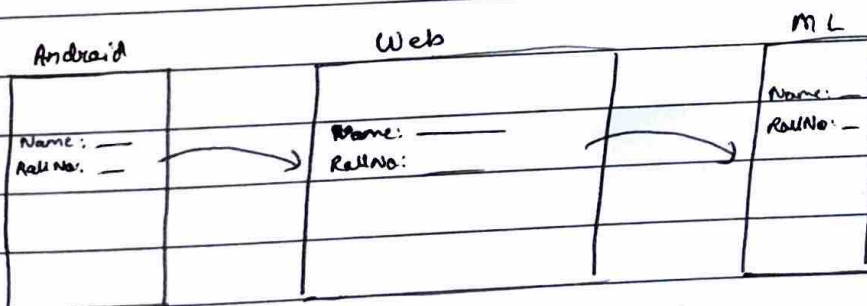
- Introduction
- Syntax
- Properties / Datatypes
- YAML Tools

* YAML :-

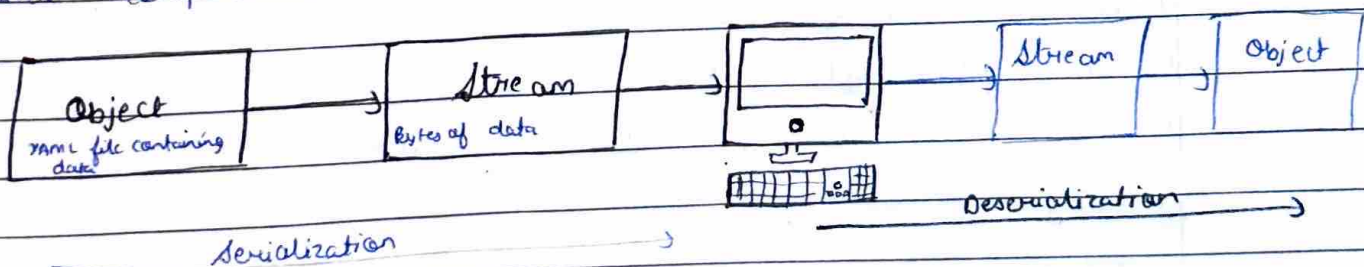
- ↳ Previously known as 'Yet another markup language'
- ↳ Now its known as 'YAML ain't markup language'
- ↳ It is a data format used to exchange data
- ↳ Similar to XML and JSON data types
- ↳ In YAML, you can store only data and not commands

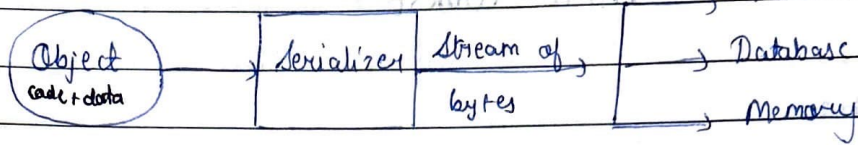
* Data Serialization :

- Object : Collection of data Eg: Roll No, name



- ↳ Serialization is a process of converting data objects into complex data structure / byte stream





→ ⁵ Serialization is process of converting data object (Combination of code and data) into series of bytes that saves the state of the object in the form it is easily transmitted

* ¹⁰ Data Serialization Languages

(1) YAML (2) JSON (3) XML

¹⁵ You can store data in format of code and then you can use that file to convert it into an object this is known as deserialization

• Uses :

→ ²⁰ Docker , K8s

→ Logs , caches

* Benefits of YAML :

- ²⁵ Simple & easy to read
- Strict Syntax - (Indentation is important)
- Easily convertible to JSON, xml
- Most languages use YAML
- More powerful when representing complex data
- ³⁰ Parsers & various tools available
- Parsing is easy ! (Reading the data)