**POJO Classes**

**Serialization & Deserialization of Request/Responses with POJO classes.**

**Serialization** in Rest Assured context is a process of converting a Java object into Request body (Payload).

Rest Assured also Supports **deserialization** by converting Response body back to Java object.

// Setters are used in serialization process.

// Getters are used in deserialization process.

**Advantages: -**

Easy to parse and extract response (JSON/XML) values if they are wrapped as Java objects. User-friendly Methods can be created which makes code more readable.

**Design Approach:**

Java object is constructed with the support of POJO classes.

POJO classes are created based on the request/Response payload.

**What Additional Libraries are required?**

For JSON you need to have either Jackson, Jackson2, Gson, or Johnzon in the classpath, and for XML you need JAXB.

External jars required for pojo extraction are present in a separate folder these need to be added to the properties of the project.

Right-click on the Project >> Properties (ALT + Enter) >> Java Build Path >> Libraries >> Select ModulePath >> Add External jars >> select the jars >> Click on Apply and Close.

In Pojo classes select all the variable names and click on **Alt + Shift + S** this will create the getter and setter methods for all the variables in Eclipse IDE.