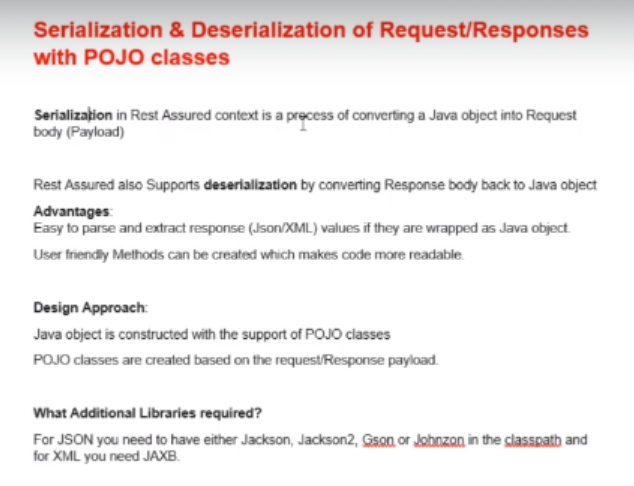
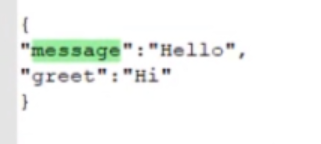
POJO : Plain object java classes

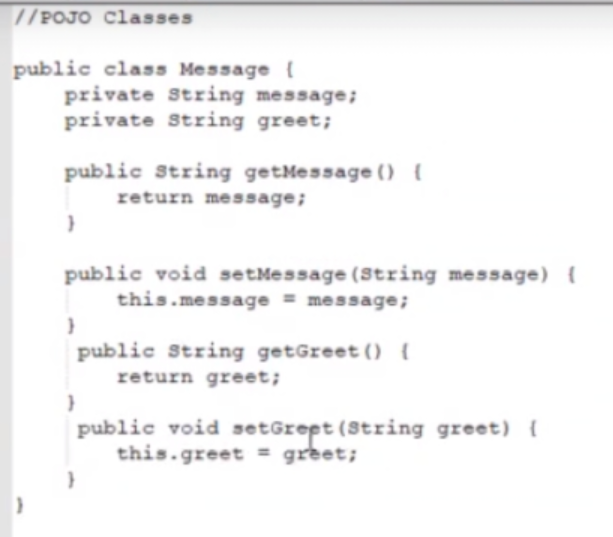


**SERIALIZATION :** Here we use setter method to set values for JSON fields

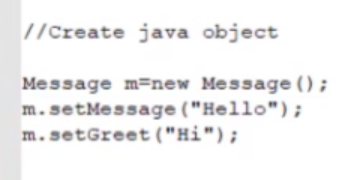
Sample JSON :



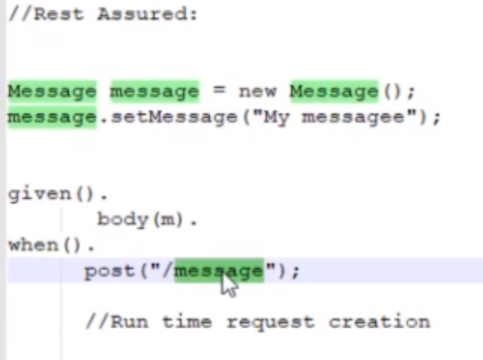
We create a Java class and in class we define each fields ad Private member and we write public getter and setter method to access the fields. We created a class and methods as shown below :



Then we create object of the class and assign values to JSON fields



And this is how we send class object to RestAssured : Rest assured takes care of all rest of the thigs.



**DE-SERIALIZATION :**

It is exactly same as serialization implementation. Here we use getter method to retrieve values from JSON response.

1. To generate getter and setter methods :

Select private variable > ctrl+shift+s > get getter setter method. Here eclipse will generate getter and setter automatically.

1. For nested Json check that in <https://jsoneditoronline.org/>, if it shows [] means it is array and the we have to create a return type as a list for that node. All nested Jsons are not always indicated with array. But for every nested json we have to create a new class.

GetCourse gc =*given*().queryParam("access\_token",accessToken).expect().defaultParser(Parser.***JSON***)

// here we collect response in object gc of class GetCourse(POJO class)

// defaultParser(Parser.***JSON***): we tell to scan the response as JSON.

.when()

.get("https://rahulshettyacademy.com/getCourse.php").as(GetCourse.**class**);

//above line as(GetCourse.**class)** tells that we want to get response in to java object of GetCourse class

System.***out***.println(gc.getLinkedin());

System.***out***.println(gc.getInstructor());

System.***out***.println(gc.getCourses().getApi().get(1).getCourseTitle());