What is JSON?

Javascript Object Notation

Purpose:

To transfer the info from one system to another.

Communication btw client and server in the form of JSON.

Marshelling:

Done in the server side

Obj -🡪JSON object

Can be done by API s like

1.Google GSON

2.Jackson

3.Simple JSON

4.JSON soup

e.g.

converting POJO(Plain old Java object) to JSON is called Marshelling

very important in case of backend testing

Unmarshelling:

Done in the client side

JSON object🡪obj

Obj can be any client language lik dotnet,javascript

Java object🡪JSON object

JAVA array(list,arraylist ,array)🡪JSON array

JSON object starts with { } and separated by comma (,)

JSON object can have multile attributes and also an array within it.

{emp\_id;”1”,

Emp\_name:”jj”,

Mobile:

[

Name :”Samsung”

Price:”10000”

]

}

Disadv of html and xml:

Before JSON, req and response was sent in the form of html/xml

Cons of Html req/response:

It can be used for static pages ,bcz in that case html page can be sent to the client and can be displayed to UI.

Not suitable for dynamic pages e.g.e-commerce applications where daily price or discounts or datas changes dynamically .

Xml is very heavy and complex.