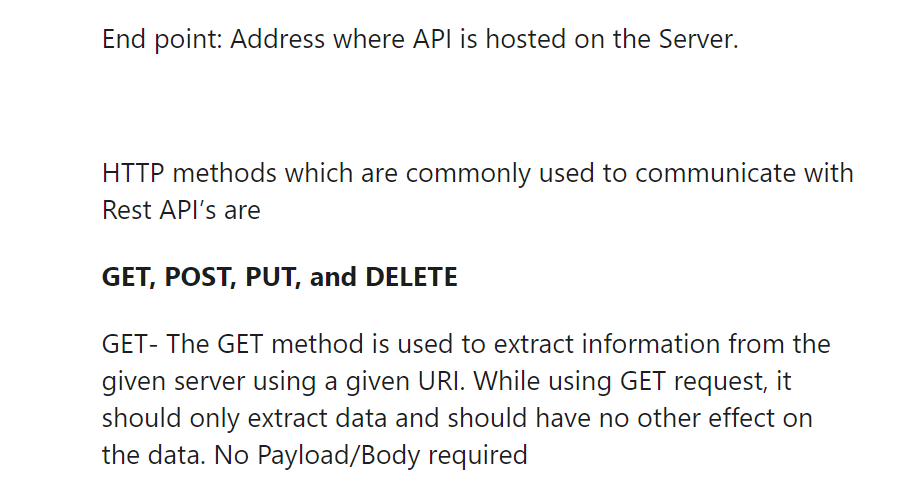
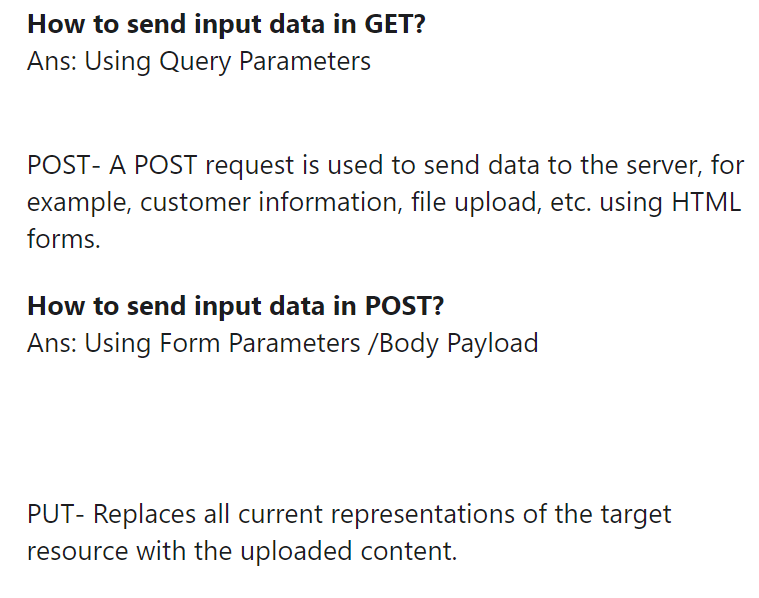
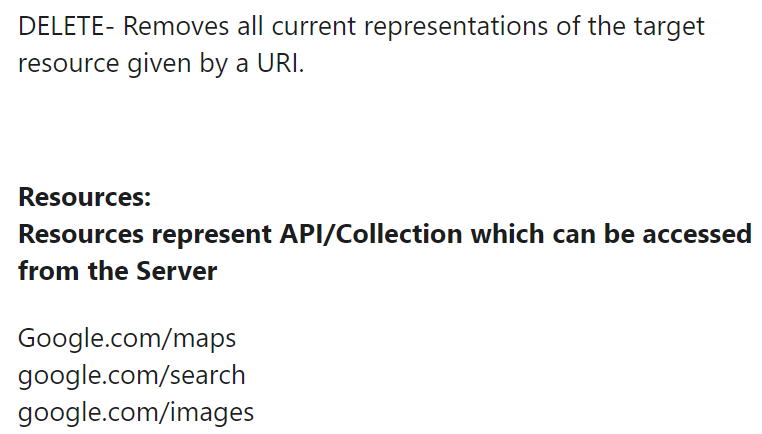
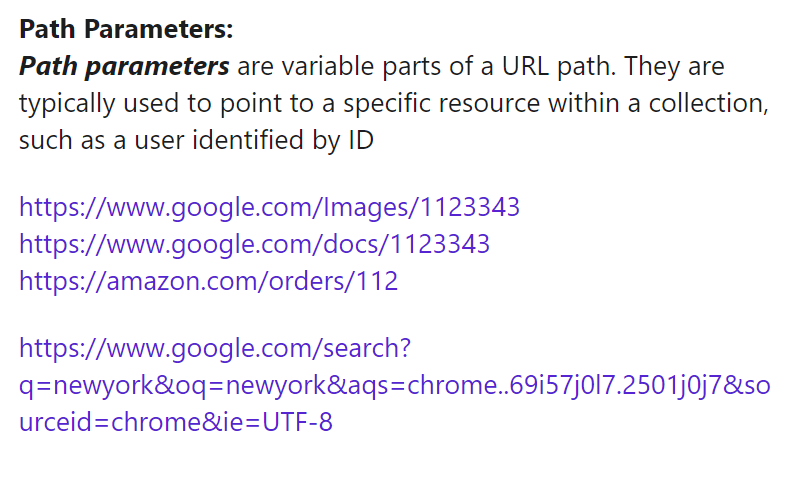
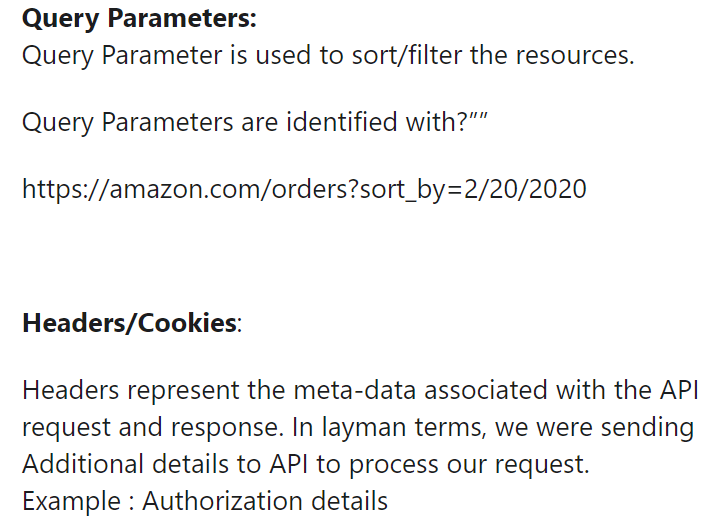
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**Header** : Headers are nothing but additional information we are sending to server. Header may contain Authorization(uname, pwd), cookies, body-type, proxies, additional data for API to work. Request and response both can have associated headers. It posses key-value pairs.We use header() and headers() methods to pass header parameters.

* ***headers()****: returns****Headers***
* ***getHeaders()****: returns****Headers***

few frequently used headers :

1. Authorization : we send credentials in different way
2. Accept : Tells server what is accepted
3. Content type : tells what it contains (generally we use "Content-Type", "application/json")
4. Accept encoding : what kind of encoding we are supporting can mention here
5. Cookies : Sets cookies

Example :

header("Server", "Apache/2.4.18 (Ubuntu)") // checks from which server the response is coming from \*IMP check

RequestSpecBuilder abc = new RequestSpecBuilder();

abc.addHeader("Accept-Language", "en-US");

abc.addHeader("Accept-Encoding", "gzip, deflate, br");

abc.addHeader("amz-sdk-request", "attempt=1; max=3r");

abc.addHeader("Content-Type", "application/x-amz-json-1.1");

RequestSpecification def = abc.build();

RestAssured.given().log().all().header("Content-Type","application/x-amz-json-1.1")

.config(RestAssured.config().encoderConfig(

encoderConfig().encodeContentTypeAs("application/x-amz-json-1.1", ContentType.)))

.spec(def).when().body(request).post(URL).then().log().all();

Few other realtime headers :

Expected header "Content-Type" was not "application/json; charset=UTF-8", was "application/json;charset=UTF-8". Headers are:

Date=Tue, 14 Sep 2021 08:49:02 GMT

Server=Apache/2.4.18 (Ubuntu)

Access-Control-Allow-Origin=\*

Access-Control-Allow-Methods=POST

Access-Control-Max-Age=3600

Access-Control-Allow-Headers=Content-Type, Access-Control-Allow-Headers, Authorization, X-Requested-With

Content-Length=194

Keep-Alive=timeout=5, max=100

Connection=Keep-Alive

Content-Type=application/json;charset=UTF-8