Header for HW 1

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**SOAPUI:**

REQUEST:

POST http://www.webservicex.net/geoipservice.asmx HTTP/1.1

Accept-Encoding: gzip,deflate -Compression type of message (GNU zip format, compression based on the deflate algorithm)

Content-Type: text/xml;charset=UTF-8 -Coding applied to the entity-body (set to UTF-8)

SOAPAction: "http://www.webservicex.net/GetGeoIP" - Used to indicate the intent of the SOAP HTTP request

Content-Length: 317 - Indicates the size of the entity-body (317)

Host: www.webservicex.net -Specifies the Internet host and port number of the resource being requested (www.webservicex.net)

Connection: Keep-Alive - Allows the sender to specify options that are desired for that particular connection (in this case keep the connection alive for data transfer)

User-Agent: Apache-HttpClient/4.3.1 (java 1.5) - contains information about the user agent originating the request (Apache Client running java 1.5)

RESPONSE:

HTTP/1.1 200 OK -Response status code OK

Cache-Control: private, max-age=0 -Specifies if content should be cashed (privately held and has expiration max age of zero)

Content-Type: text/xml; charset=utf-8 -Coding applied to the entity-body (set to xml UTF-8)

Content-Encoding: gzip -Compression type of message (GNU zip format)

Vary: Accept-Encoding -Is strictly for those cases where it's hopeless or excessively complicated for a proxy to replicate what the server would do.

Server: Microsoft-IIS/7.0 -Contains information about the software used by the origin server to handle the request (Microsoft-IIS/7.0)

X-AspNet-Version: 4.0.30319 -Version X-AspNet

X-Powered-By: ASP.NET - Specifies the technology supporting the web application (ASP.NET)

Date: Sat, 13 Feb 2016 18:24:59 GMT -Represents the date and time at which the message was originated

Content-Length: 403 - Indicates the size of the entity-body (403)

**POSTMAN:**

REQUEST:

GET /books/v1/volumes?q=turing HTTP/1.1

Host: www.googleapis.com -Specifies the Internet host and port number of the resource being requested (www.googleapis.com)

Cache-Control: no-cache -Specifies if content should be cashed

Postman-Token: b805dc2e-f0c8-4b51-076c-c4527e19f789 -Unique ID sent from postman to distinguish requests.

REPONSES:

alt-svc: quic=":443"; ma=604800; v="30,29,28,27,26,25" -Alternate service

alternate-protocol: 443:quic,p=1 -Indicates that a server supports SPDY

cache-control: private, max-age=0, must-revalidate, no-transform -Specifies if content should be cashed

content-encoding: gzip -Compression type of message (GNU zip format)

content-length: 6758 -Indicates the size of the entity-body (6758)

content-type: application/json; charset=UTF-8 -Coding applied to the entity-body (set to json UTF-8)

date: Sat, 13 Feb 2016 21:40:24 GMT -Represents the date and time at which the message was originated

etag: "3z2GbiG39NRdo416x8jooTTBAqY/sFUfr9-vrUPw4-VHCWRpBuTF0gE" -Provides the current value of the entity tag for the requested variant

expires: Sat, 13 Feb 2016 21:40:24 GMT -Gives the date/time after which the response is considered stale

server: GSE -Contains information about the software used by the origin server to handle the request (GSE)

status: 200 -Response status code OK

vary: Origin, X-Origin -Is strictly for those cases where it's hopeless or excessively complicated for a proxy to replicate what the server would do.

x-content-type-options: nosniff -Prevents Internet Explorer from MIME-sniffing a response away from the declared content-type

x-frame-options: SAMEORIGIN -Indicate whether or not a browser should be allowed to render a page in a <frame>, <iframe> or <object> (the same as the origin)

x-xss-protection: 1; mode=block -Enables the Cross-site scripting (XSS) filter built into most recent web browsers.