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Assignment 1

**Resource used:** <https://en.wikipedia.org/wiki/List_of_HTTP_header_fields>

Request Header Definitions

* cache-control:"no-cache"
* postman-token:"89378998-02f7-4cc4-91ff-8ef0f966d076"
* user-agent:"PostmanRuntime/7.1.1"
* accept:"\*/\*"
* host:"www.googleapis.com"
* accept-encoding:"gzip, deflate"

Cache-Control: Specifies mandatory directives for caching mechanisms.

Postman-token: Used to bypass a bug in Chrome.

User-agent: The user agent string of the user agent.

Accept: What is acceptable as a response.

Host: The domain name of the server.;

Accept Encoding: Acceptable encoding.

Response Header Definitions

Alt-Svc: It means Alternative Services, server uses this to indicate its resources are accessible with different hosts and protocols.

hq=":443"; ma=2592000; quic=51303431; quic=51303339; quic=51303338; quic=51303337; quic=51303335,quic=":443"; ma=2592000; v="41,39,38,37,35"

Cache-Control: Specifies mandatory directives for caching mechanisms.

private, max-age=0, must-revalidate, no-transform

Content-Encoding: The encoding used.

gzip

Content-Type: The MIME type of the content.

application/json; charset=UTF-8

Date: When a message is sent.

Sun, 04 Feb 2018 01:55:00 GMT

ETag: Identifies the specific version of a resource.

"f6QLsd8inUgRKJVNBqJ8xHnPb0w/qBv17KazKNC43hBkTXicgj\_ml8c"

Expires: When a response expires

Sun, 04 Feb 2018 01:55:00 GMT

Server: Name of the server

GSE

Transfer-Encoding: The form of encoding used to safely transfer the entity to the user.

chunked

Vary: Tells proxies how to determine whether the cached response can be used or if a fresh response is required.

Origin X-Origin

X-Content-Type-Options: Nosniff does not allow Browsers to MIME-sniff a response away from the declared content-type.

nosniff

X-Frame-Options: Protects against Clickjacking.

SAMEORIGIN

X-XSS-Protection: Protects against Cross-site scripting.

1; mode=block