HTTP Status Codes

In this lesson, we will go through the list of most commonly-used HTTP status codes.

What is the HTTP status code?

In a server's HTTP response, status codes indicate whether a specific HTTP request has been successfully completed or an error has occurred.

A HTTP status code can indicate the client or server error as well.

Categories of response codes

The `HTTP` response status codes are divided into 5 categories as shown in the table below:

CODE CATEGORY	DESCRIPTION
1xx: Informational	Informational responses, the request has been received and the process is continuing.
2xx: Success	It means the request was successfully received and accepted.
3xx: Redirection	The client must take some additional action in order to complete their request.
4xx: Client Error	The request contains incorrect syntax or is not valid, client error.
5xx: Server Error	The server takes responsibility for this error for valid requests.

Commonly-used status codes

Let's take a look at some of the most commonly-used status codes and their meanings:

Status code	Meaning
200 OK	The request has succeeded.
201 Created	The request has been fulfilled and a new resource has been created.
202 Accepted	The request has been accepted for processing, but the processing has not been completed.
204 No Content	The request has succeeded and there is no content for the response message body.
301 Moved Permanently	The target resource has been assigned a new permanent URI and any future references to this resource ought to use one of the enclosed URIs.
302 Found	The target resource resides temporarily under a different URI.
400 Bad Request	The server cannot process the request due to a bad/invalid request from a client (e.g., malformed request syntax, invalid request message framing, or deceptive request routing).
401 Unauthorized	The request lacks valid authentication credentials for the

401 Unauthorized	authentication credentials for the target resource.
403 Forbidden	There is an authorization error on the server.
404 Not Found	The origin server did not find a current representation for the target resource.
500 Internal Server Error	The server encountered an unexpected condition.
502 Bad Gateway	The server, while acting as a gateway or proxy, received an invalid response from an inbound server it accessed while attempting to fulfill the request.
503 Service Unavailable	The server is currently unavailable to handle the request.
504 Gateway Timeout	The server, while acting as a gateway or proxy, received an invalid response from an inbound server it accessed while attempting to fulfill the request.

Let's take a quick quiz to test your understanding of status codes!