HTTP status codes, also known as browser error codes or internet error codes are set of standard responses given by web site servers on the Internet to depict a problem or a success of the web. It also aids in maintain a human-readable diagnostic information.

An HTTP Request is asking for a page or data while HTTP Response is the answer for the request received by the server. HTTP status codes consists of different responses, mainly; Informational, Successful, Redirection, Client Error and Server Error.

Informational responses indicate that the request was received and understood by the server. Usually, it is a 1xx status code where the message consists of only a status line, optional header fields and is often terminated by an empty line. Under informational responses are as follows:

**100 Continue**,

**101 Switching Protocols**,

**102 Processing**

Successful Responses indicate that the request by the client was received, understood, accepted, and processed successfully. Usually, it is a 2xx status code that portrays that a request was successful. Successful Responses given by the server are as follows:

**200 OK**

**201 Created**

**202 Accepted**

**203 Non-Authoritative Information**

Additional action to complete a certain request is what makes the Redirection Response or 3xx. Also, it allows a client to know the location since locations are always changing. The web server and the client communicates for them to know the location. Under Redirection Responses are as follows:

**300 Multiple Choices**

**301 Moved Permanently**

**302 Found**

**303 See Other**

**304 Not Modified**

**305 Use Proxy**

**306 Switch Proxy**

**307 Temporary Redirect**

**308 Permanent Redirect**

Client Errors having a status code of 4xx are intended for situations in which clients have committed a mistake. This status code is applicable to any request methods. User agents should display any included entity to the user. Client Errors are listed below:

**400 Bad Request**

**401 Unauthorized**

**402 Payment Required**

**403 Forbidden**

**404 Not Found**

**405 Method Not Allowed**

**406 Not Acceptable**

**407 Proxy Authentication Required**

**408 Request Time-out**

**409 Conflict**

**410 Gone**

**411 Length Required**

**412 Precondition Failed**

**413 Payload Too Large**

**414 URI Too Long**

**415 Unsupported Media Type**

**416 Range Not Satisfiable**

**417 Expectation Failed**

**418 I'm a teapot**

**421 Misdirected Request**

**422 Unprocessable Entity**

**423 Locked**

**424 Failed Dependency**

**426 Upgrade Required**

**428 Precondition Required**

**429 Too Many Requests**

**431 Request Header Fields Too Large**

**451 Unavailable For Legal Reasons**

5xx or Server error means that the server a valid request wasn’t successful. Server errors indicate that the server is aware that an error is unable to perform the request. The Server error status codes could be applied in any request methods. 5xx status responses are as follows:

**500 - Internal Server Error**

**501 - Not Implemented**

**502 - Bad Gateway**

**503 - Service Unavailable**

**504 - Gateway Timeout**

**505 - HTTP Version Not Supported**