

# HTML

# TOP HTTP STATUS CODES

## Information (100-119)

- 100 - continue
- 101 - switching protocols
- 102 - Processing
- 103 - Early Hints

## Success (200-299)

- 200 - OK
- 201 - Created
- 202 - Accepted
- 204 - NO content
- 206 - Partial content

## Redirect (300-399)

- 300 - multiple choices
- 301 - moved permanently
- 304 - Not modified
- 307 - Temporary Redirect
- 308 - Permanent Redirect

## Client Error (400-499)

- 400 - Bad Request
- 401 - Unauthorized
- 403 - Forbidden
- 404 - Not found
- 409 - conflict

## Service Error (500-599)

- 500 - Internal Server Error
- 501 - Not Implemented
- 502 - Bad Gateway
- 503 - Service Unavailable
- 504 - Gateway Timeout

- Brij Kishore Pandey

HTTP (Hypertext Transfer Protocol): This is the protocol your web browser uses to request and receive webpages from servers. When you type a URL into your browser, it sends an HTTP request to the server, which then sends back the webpage as a response. HTTP is a "stateless" protocol,

meaning each request/response pair is independent.

**HTTPS (HTTP Secure):** HTTPS is HTTP with an extra layer of security. It encrypts the data exchanged between your browser and the server using SSL/TLS. This helps protect sensitive information (like passwords or credit card numbers) from being intercepted by third parties.

#### 1□ 1xx Informational:

100 Continue: Server received the request header and waits for the client to send the request body.

101 Switching Protocols: Client requested to switch protocols, and the server agreed.

#### 2□ 2xx Success:

200 OK: Standard response for successful HTTP requests.

201 Created: Request fulfilled, new resource created.

204 No Content: Request succeeded, but no new information to send back.

#### 3□ 3xx Redirection:

301 Moved Permanently: Resource has been moved permanently to a new location.

302 Found: Resource temporarily located at a different URL.

304 Not Modified: Cached version of the requested resource is still valid.

#### 4□ 4xx Client Errors:

400 Bad Request: Server couldn't understand the request.

401 Unauthorized: Authentication is required, and credentials are missing or incorrect.

404 Not Found: The requested resource could not be found.

#### 5□ 5xx Server Errors:

500 Internal Server Error: Generic error message from the server.

502 Bad Gateway: Server acting as a gateway received an invalid response from an upstream server.

503 Service Unavailable: Server is not ready to handle the request.

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