

Q. 1. Find 10 server errors with description.

- 1) The HTTP 301 Moved Permanently redirect status response code indicated that the requested resource has been definitively moved to the URL given by the location headers. A browser redirects to the new URL and search engines update their link to the resource.
- 2) The HTTP 302 Found redirect status response code indicates that the resource requested has been temporarily moved to the URL given by the location header.
- 3) The HTTP 303 See Other Redirect status response code indicates that the redirects don't link to the requested resource itself, but to another page (such as a confirmation page, a representation of a real-world object - see HTTP range -14 - or an upload-progress page).
- 4) HTTP 307 Temporary Redirect redirect status response code indicates that resource requested has been temporarily moved to the URL given by the location headers.
- 5) The HTTP 401 Unauthorized response status code indicates that the client request has not been completed because it lacks valid authentication credentials for the requested resource.



- 6) The HTTP 504 Gateway Timeout server error response code indicates that the server, while acting as a gateway or proxy, did not get a response in time from the upstream server that it needed in order to complete the request.
- 7) The HTTP 410 Gone client error response code indicates that access to the target resource is no longer available at the origin server and that this condition is likely to be permanent.
- 8) The HTTP 451 Unavailable For Legal Reasons client error response code indicates that the user requested a resource that is not available due to legal reasons, such as a web page for which a legal action has been issued.
- 9) The HTTP 503 Service Unavailable server error response code indicates that the server is not ready to handle the request. Common causes are a server that is down for maintenance or that is overloaded.
- 10) The HTTP 416 Range Not Satisfiable error response code indicates that a server cannot serve the requested ranges. The most likely reason is that the document doesn't contain such ranges, or that the Range header value, though syntactically correct, doesn't make sense.