© 5xx : Server Error

★ The server is failed to process the request due to error on it's side.

★ We can also create our custom status code.

Benefits

① help in debugging.

① SEO - friendly.

Ep. 05 (implementation of the above)

★ Redirect

⟹ Sending a page from one place to another?

According to chatgpt:

● A redirect is a server response that instruct a client to go to a different URL.

⟶ it is commonly used in web development to forward user to another page.

→ It is implemented using HTTP Status code in the 3xx Range.

⟶ Using Redirct

```
Const http = require("http")

Const server = http.Create Server ((req,res)=> {

    if (req. url == '/old-page') {

        res. writeHead (301, {Location: '/new-page'})
        res. end();
    } else {
        res. write Head (200, {'Content-Type': 'text/html'})
        res. end('<h1> Welcome<h1>');
    }

});
```

⭐ setHeader & writeHead

We just know about header that is it is the meta deta which will be sent with a request or response in a client server interaction.

(A) Request header
- Authentication detail
- Content type
- Client information

(B) Response header
- Status of the Response
- Type of Content Returned
- Caching policies

★ **Now Setheader & WriteHead**

→ ~~Seat~~ Setheader is used to set a single header at a time before the Response is sent.

→ It allow us to set header incrementally

→ Whereas the WriteHead method is used to the status code & all header at once in one method call.

→ Often used when we know that all header we want to sent with Status Code.

⇒ **res.write()** | **res.end()**

res.write()	res.end()
① Write data to the response body, but doesn't end the resp.	① Signal that we are done with sending the response.
② Can be called multiple times to send chunk of data.	② We can pass data as an argument to sent data & close the response at the same time.