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HTTP Response

The HTTP response is what enables us to send data back to the clients from our Node servers.

`response.writeHead` is a method that is used to set the status code and create HTTP headers. Two most common HTTP headers are `Content-Type` and `Content-Length`:

```
response.writeHead(200, {  
  'Content-Length': body.length,  
  'Content-Type': 'text/plain' })
```

The response itself is created with the `write()` method which adds data to the response. Another method is `end()` which finishes the response (which in turn will finish the incoming request). You can set the `statusCode` attribute to change the status code of the response (200, 400, 500, etc.).

The following example demonstrates the various response methods:

```
const http = require('http')
const port = 3000
http.createServer((request, response) => {
  response.writeHead(404, {
    'Content-Length': body.length,
    'Content-Type': 'text/plain' })
  response.statusCode = 200
  response.write('Hello')
  response.end(' World\n')
}).listen(port)

console.log(`Server running at http://localhost:${port}/`)
```

Documentation: https://nodejs.org/api/http.html#http_class_http_serverresponse

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