Node JS / http

```
const http = require('http');
```

Http - node js core module:

Enables the creation of HTTP servers and clients.

Essential for building web applications and APIs.

Sending text via http

```javascript
// Import the 'http' module
const http = require("http");

// Create an HTTP server
const server = http.createServer((req, res) => {
  // Set the response status code and headers
  res.writeHead(200, { "Content-Type": "text/plain" });

  // Write the response content
  res.end("Hello, World!\n");
});

// Listen on port 3000
const port = 3000;
server.listen(port, () => {
  console.log(`Server is listening on port ${port}`);
});
```

Sending html via http

```javascript
// Import the 'http' module
const http = require('http');
```

```javascript
// Create an HTTP server
const server = http.createServer((req, res) => {
  // Set the response status code and headers for HTML
  res.writeHead(200, { 'Content-Type': 'text/html' });

  // Write the HTML response
  res.end('<h1>Hello, World!</h1>\n');
});
```

```javascript
// Listen on port 3000
const port = 3000;
server.listen(port, () => {
  console.log(`Server is listening on port ${port}`);
});
```

Sending html with routes

```javascript
// Import the 'http' module
const http = require('http');

// Create an HTTP server
const server = http.createServer((req, res) => {
  // Check the URL of the request
  if (req.url === '/') {
    // Set the response status code and headers for HTML
    res.writeHead(200, { 'Content-Type': 'text/html' });

    // Write the HTML response for the '/' route
    res.end('<h1>Hello, World!</h1>\n');
  } else if (req.url === '/user') {
    // Set the response status code and headers for HTML
    res.writeHead(200, { 'Content-Type': 'text/html' });

    // Write the HTML response for the '/user' route
    res.end('<h1>Zahin Zulkipli</h1>\n');
  } else {
    // Handle routes other than '/' and '/user' with a 404 Not Found response
    res.writeHead(404, { 'Content-Type': 'text/html' });
    res.end('<h1>404 Not Found</h1>\n');
  }
});

// Listen on port 3000
const port = 3000;
server.listen(port, () => {
  console.log(`Server is listening on port ${port}`);
});
```

Zahin Zulkipli - Node js

Node JS / express

```
const express = require('express');
```

Sending html with routes

```javascript
// Import the 'express' module
const express = require('express');

// Create an instance of the Express application
const app = express();

// Define routes and handlers
app.get('/', (req, res) => {
  res.send('<h1>Hello, World!</h1>');
});


app.get('/user', (req, res) => {
  res.send('<h1>Zahin Zulkipli</h1>');
});

// Handle routes other than '/' and '/user' with a 404 Not Found response
app.use((req, res) => {
  res.status(404).send('<h1>404 Not Found</h1>');
});

// Listen on port 3000
const port = 3000;
app.listen(port, () => {
  console.log(`Server is listening on port ${port}`);
});
```