**What is the HTTP Module?**

* **http** is a **core module** in Node.js.
* It enables Node.js to **create servers** and **make HTTP requests**.
* No need to install; just use:

const http = require('http');

**Creating a Basic HTTP Server**

const http = require('http');

const server = http.createServer((req, res) => {

res.write('Hello World');

res.end();

});

server.listen(3000, () => {

console.log('Server running on http://localhost:3000');

});

**Basic Routing with req.url**

const server = http.createServer((req, res) => {

if (req.url === '/') {

res.write('Home Page');

} else if (req.url === '/about') {

res.write('About Page');

} else {

res.statusCode = 404;

res.write('404 Not Found');

}

res.end();

});

**Serving HTML Content**

res.setHeader('Content-Type', 'text/html');

res.write('<h1>Hello HTML</h1>');

res.end();

**Serving JSON Data**

const data = { name: 'Node.js', type: 'Backend' };

res.setHeader('Content-Type', 'application/json');

res.end(JSON.stringify(data));