//HelloWorld.js

var http = require('http');

http.createServer(function (req, res) {

    res.writeHead(200,

        { 'Content-Type': 'text/html' });

    res.end('Hello World!');

}).listen(8080);

//Output

Graphical user interface, text, application

Description automatically generated

**Exercise N2**

|  |  |
| --- | --- |
| //myModule.js  function myDate () {      return Date();  };  exports.myDate = myDate; | //ExerciseN2.js  var http = require('http');  var dt = require('./myModule');  http.createServer(function (req, res) {      res.writeHead(200,          { 'Content-Type': 'text/html' });      res.write("The date and time are currently:" + dt.myDate());  res.end();  }).listen(8080); |

//Output

Graphical user interface, text, application, email

Description automatically generated

//HelloWorld.js

var http = require('http');

http.createServer(function (req, res) {

    res.writeHead(200, { 'Content-Type': 'text/html' });

    res.write(req.url);

    res.end();

}).listen(8080);

//Output

http://localhost:8080/apples

**Graphical user interface, text, application, chat or text message

Description automatically generated**

<http://localhost:8080/pears>

**Graphical user interface, text, application, chat or text message

Description automatically generatedGraphical user interface, text, application, chat or text message

Description automatically generated**

http://localhost:8080/strawberries

**Graphical user interface, text, application, chat or text message

Description automatically generated**

//SimpleAdder.html

<html>

<head>

    <title>Adder</title>

</head>

<form action="http://localhost:8080/add.js">

    <div>Enter two numbers <br>

        <input type="text" name="first" /><br />

        <input type="text" name="second" /><br />

        <input type="submit" value="Click" />

    </div>

</form>

</html>

//addmod.js

exports.add = function (req, res, vals) {

    var sum = parseInt(vals.first) + parseInt(vals.second);

    res.writeHead(200, { 'Content-Type': 'text/html' });

    res.write("<!DOCTYPE html>");

    res.write("<html>");

    res.write("<head><meta charset=\"utf-8\"/>");

    res.write("<title>Calculator Web Site</title>");

    res.write("</head>");

    res.write("<body>");

    res.write("<p>The sum is: ");

    res.write(String(sum));

    res.write("</p>");

    res.write("</body>");

    res.write("</html>");

    return res.end();

};

exports.add = function (req, res, vals) {

    var sum = parseInt(vals.first) + parseInt(vals.second);

    res.writeHead(200, { 'Content-Type': 'text/html' });

    res.write(`<!DOCTYPE html>

    <html>

    <head><meta charset=\"utf-8\"/>

    <title>Calculator Web Site</title>

    </head>

    <body>

    <p>The sum is: ${String(sum)}</p>

    </body>

    </html>);

    return res.end();

};

//AdderWebServer.js

var http = require('http');

var url = require('url');

var fs = require('fs');

var addmod = require('./addmod.js');

http.createServer(function (req, res) {

    var q = url.parse(req.url, true);

    var filename = "." + q.pathname;

    if (q.pathname == "/add.js")

        addmod.add(req, res, q.query)

    else

        fs.readFile(filename, function (err, data) {

            if (err) {

                res.writeHead(404, { 'Content-Type': 'text/html' });

                return res.end("404 Not Found");

            }

            res.writeHead(200); // Content-Type not included

            res.write(data);

            return res.end();

        });

}).listen(8080);

//Output

Graphical user interface, text, application, chat or text message

Description automatically generated Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated