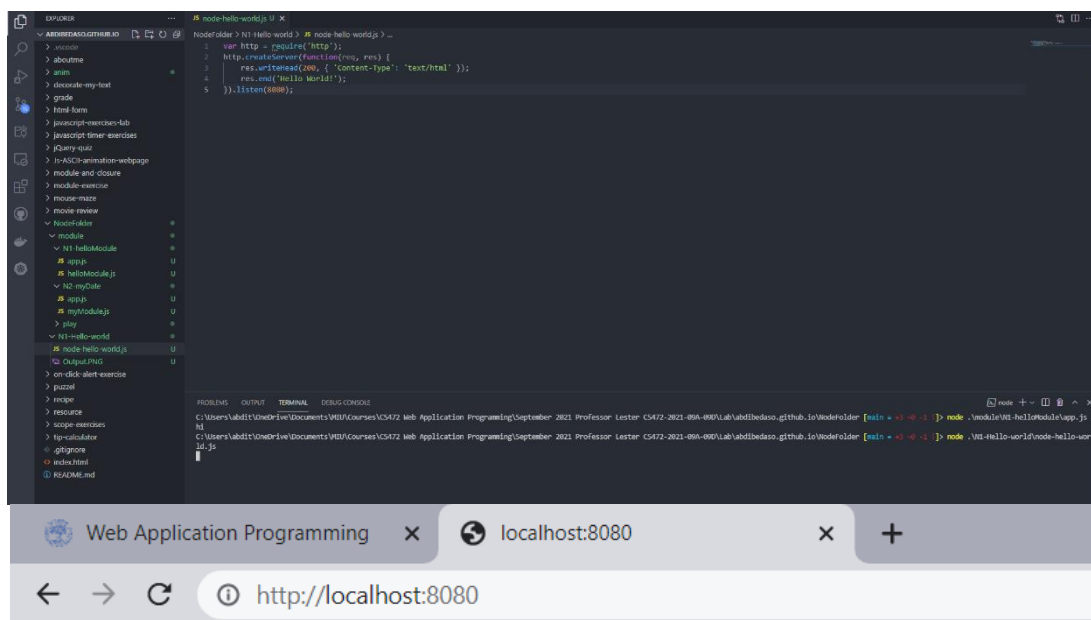


N1)

Code:

```
var http = require('http');
http.createServer(function(req, res) {
  res.writeHead(200, { 'Content-Type': 'text/html' });
  res.end('Hello World!');
}).listen(8080);
```

Output:



N2)

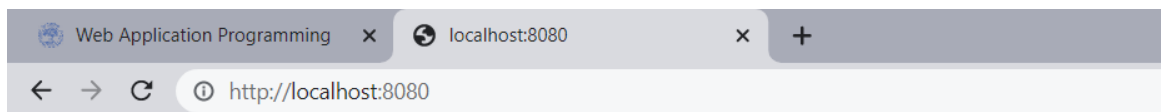
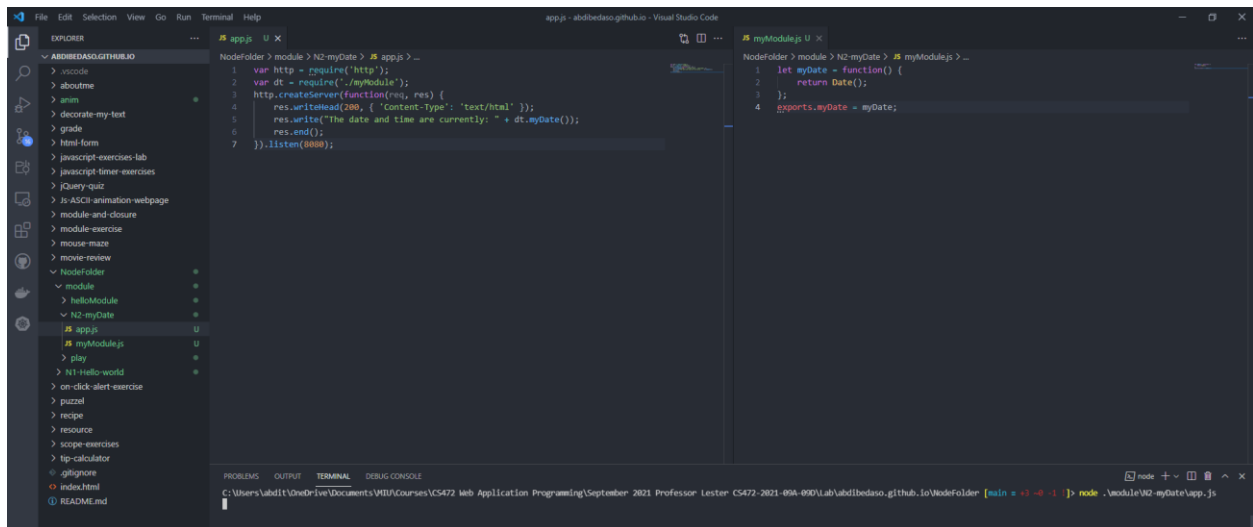
Code: app.js

```
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);
```

Code: myModule.js

```
let myDate = function() {
  return Date();
};
exports.myDate = myDate;
```

Output:



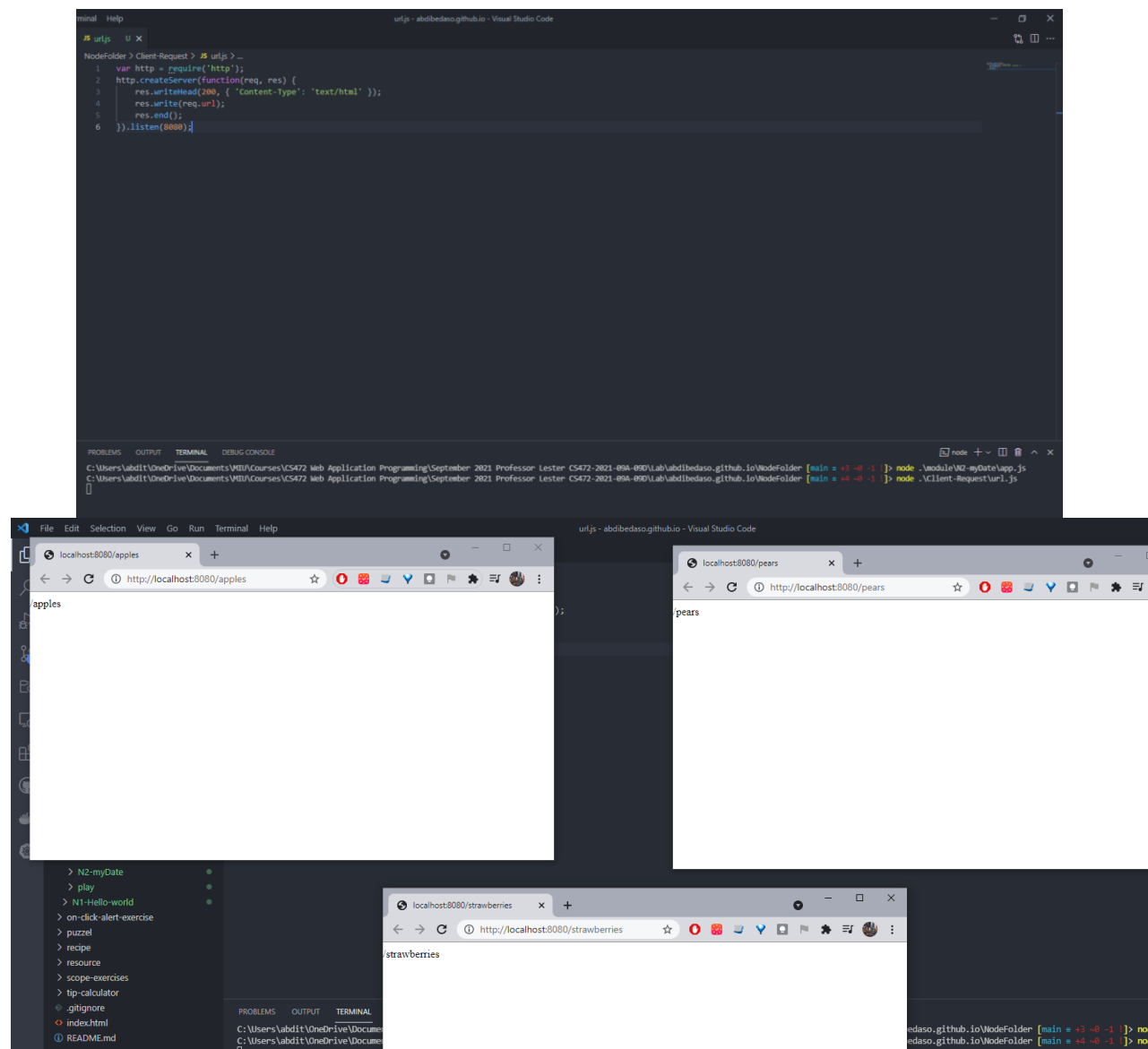
The date and time are currently: Thu Sep 16 2021 16:20:13 GMT-0500 (Central Daylight Time)

N3)

Code: app.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:



N4)

Code: 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);
```

Code: 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>
<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();
};
```

Code: SimpleAdder.html

```
<!DOCTYPE html>
<html lang="en">

<head>

  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Simple Adder</title>
</head>

<body>
  <form action="http://localhost:8080/add.js">
    <div>Enter two numbers
      <input type="text" name="first" /><br/>
      <input type="text" name="second" /><br/>
      <input type="submit" value="Click" />
    </div>
  </form>
</body>

</html>
```

Output:

