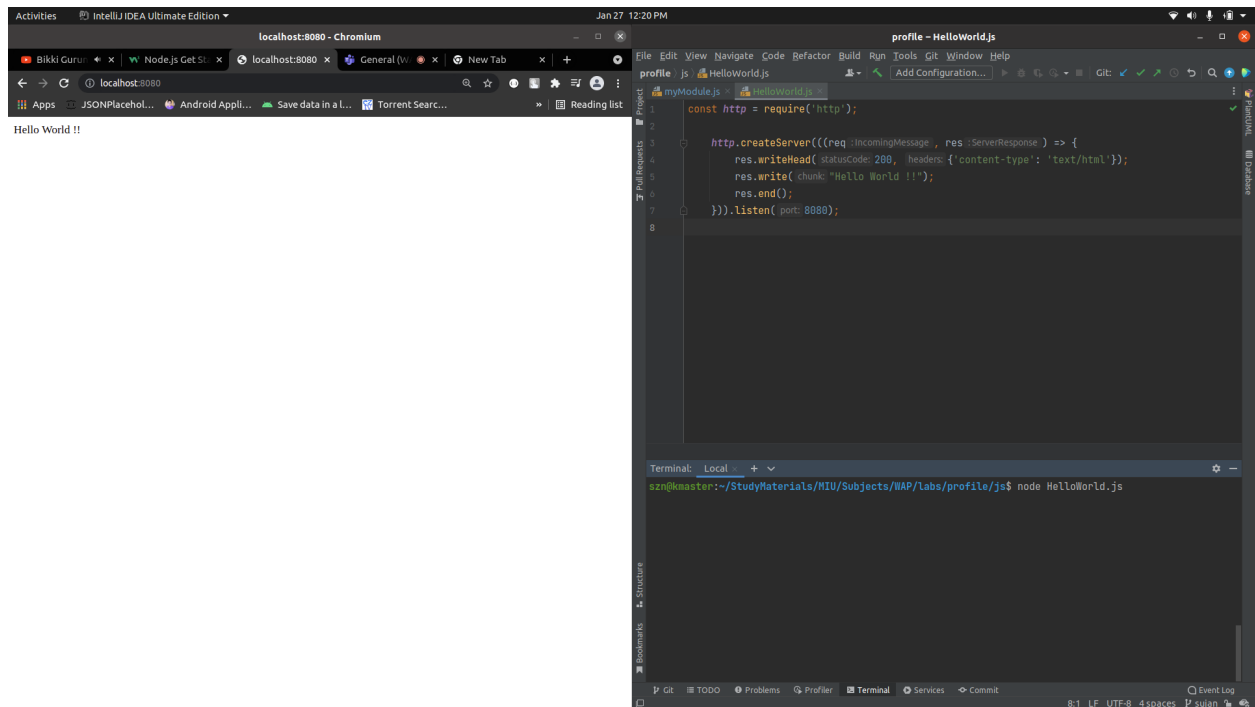
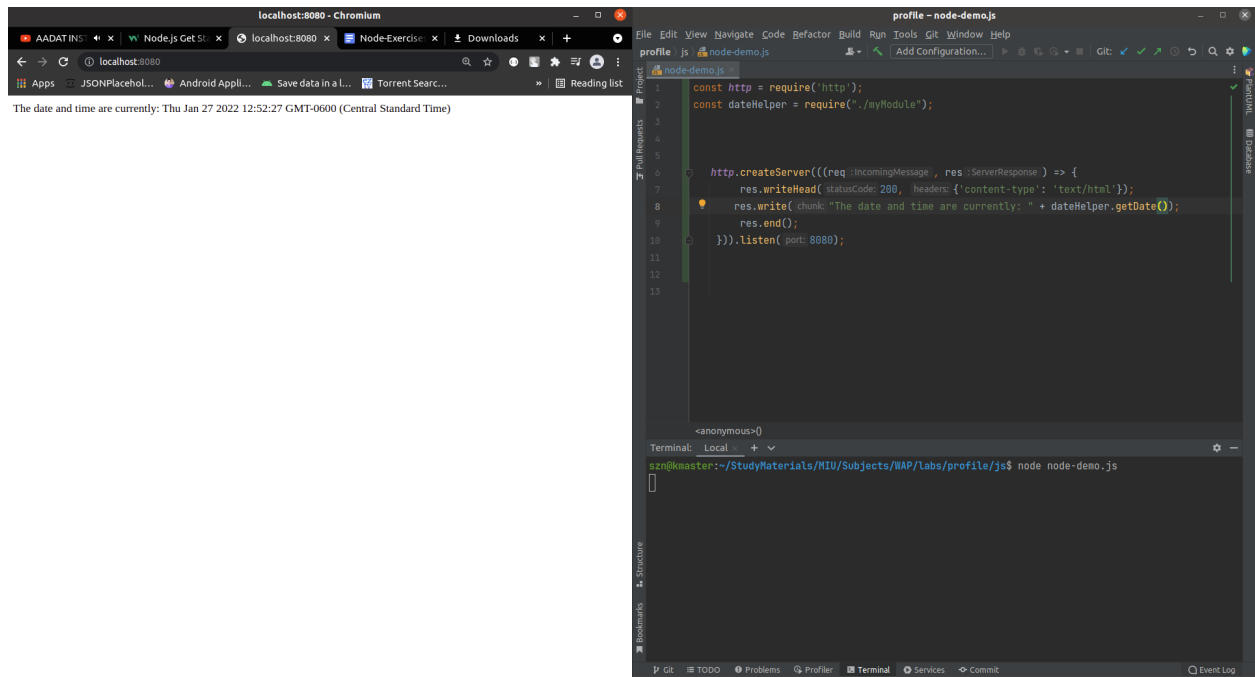


Exercise N1

- Download Node.js from the official Node.js website and install it: <https://nodejs.org>.
- Create a folder for your Node.js files (NodeFolder).
- Save the Hello World program in a file using VS Code:



Creating New Modules (Exercise N2)



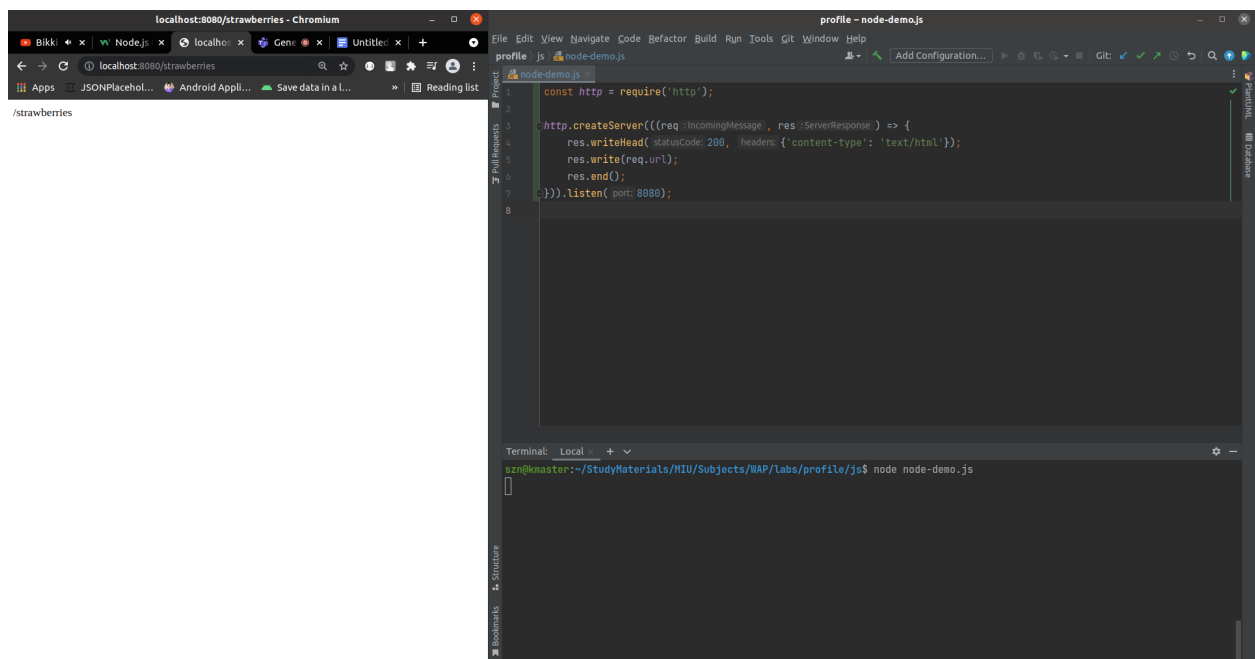
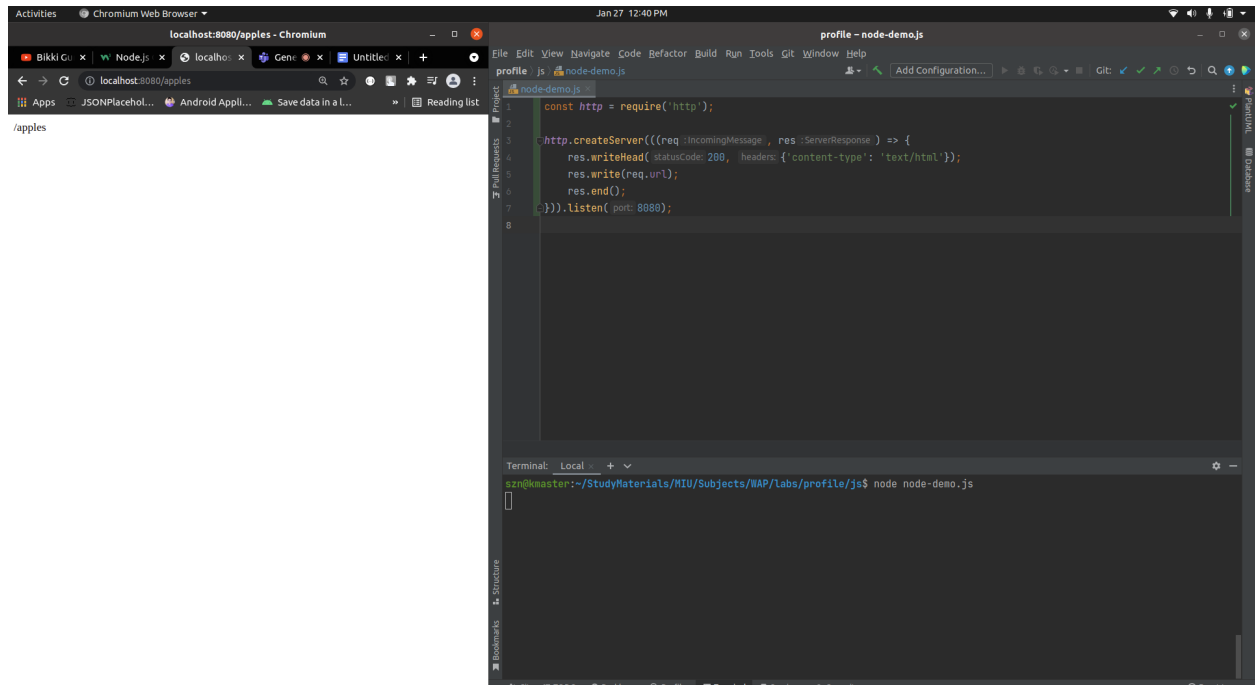
Exercise N3

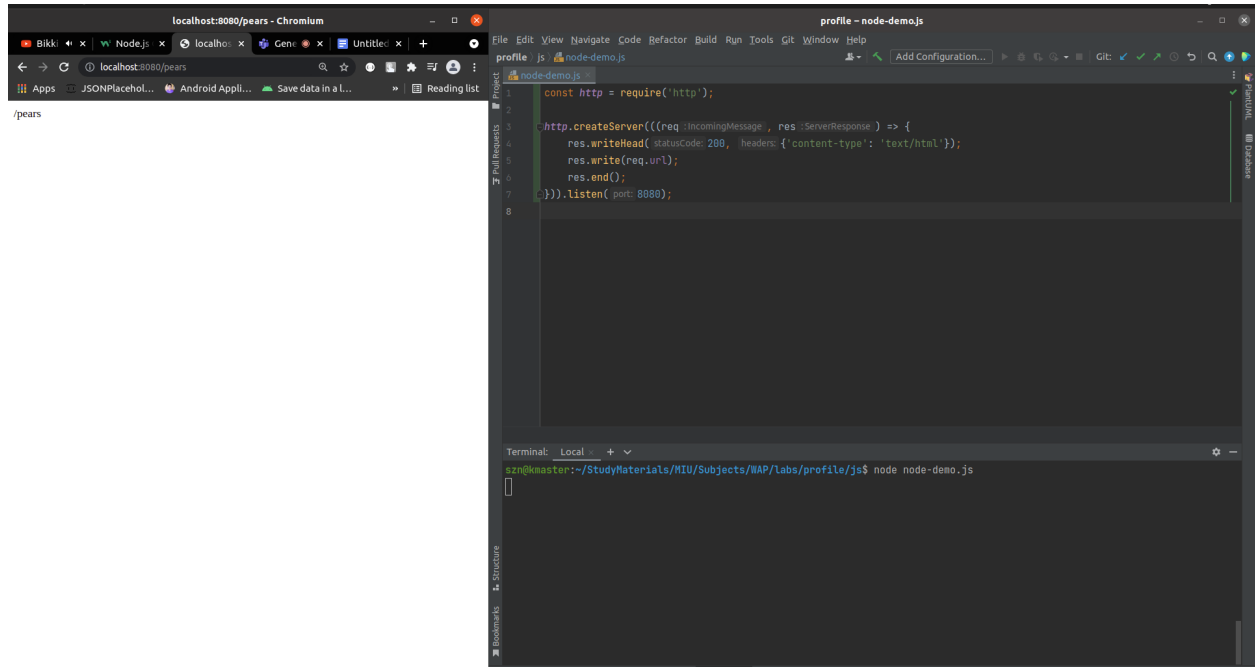
Run the code shown below and then enter the following in your Browser:

<http://localhost:8080/apples>

<http://localhost:8080/pears>

<http://localhost:8080/strawberries>





Exercise N4: Simple Adder

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <title>title</title>
6 </head>
7 <body>
8 <form action =
9 "http://localhost:8080/add.js">
10 <div>Enter two numbers
11 <input type = "text" name="first"/><br/>
12 <input type = "text" name="second"/><br/>
13 <input type="submit" value="Click"/>
14 </div>
15 </form>
16 </body>
17 </html>
18
19 html head title
20
21 addmod.js
22
23 exports.add = function (req,res,vals) {
24   var sum = parseInt(vals.first) + parseInt(vals.second);
25   res.writeHead(200, { 'Content-Type': 'text/html' });
26   res.write( <!DOCTYPE html>
27   <html>
28   <head><meta charset="utf-8"/>
29   <title>Calculator Web Site</title>
30   </head>
31   <body>
32   <p>The sum is: ${String(sum)}</p>
33   </body>
34   </html> ` ` );
35   return res.end();
36 };
37
38 add() res
```

Enter two numbers 22 10
Click

Calculator Web Site

The sum is: 32