

Ex. No: 6	Web Server Creation using NodeJS
1.10.2023	

Aim:

Create a Web Server offering basic web service(s) to the front-end.

Program:

Server.js:

```
const http = require('http')
const fs=require('fs')
const port=3000

const server = http.createServer(function(req,res){
  res.writeHead(200,{ 'Content-Type':'text/html'})
  fs.readFile('index.html',function(error,data){
    if(error){
      res.writeHead(404)
      res.write('Error: File not found')
    }
    else{
      res.write(data)
    }
    res.end()
  })
})

server.listen(port,function(error){
  if(error){
    console.log('Something went wrong!!')
  }
  else{
    console.log('Server is listening to:' +port)
  }
})
```

Index.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Web Server</title>
  <style>
    .center {
      display: block;
```

```

margin-left: auto;
margin-right: auto;
width: 35%;
}
h1,h3{
  font-family: fantasy;

}
</style>
</head>

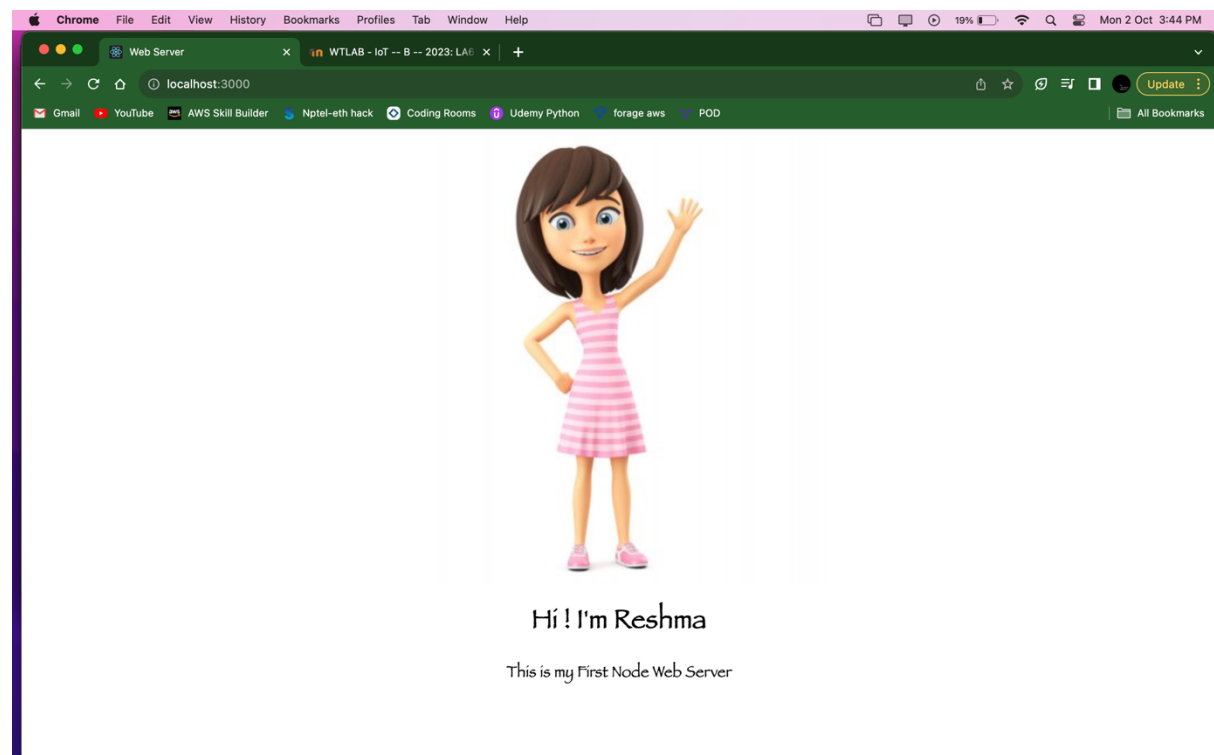
<body>

  <h1 style="text-align: center;"> Hi ! I'm Reshma </h1>
  <h3 style="text-align: center;"> This is my First Node Web Server</h3></centre>

</body>
</html>

```

Output:



Result:

Therefore, we've successfully created a Web Server offering basic web service(s) to the front-end.