

Walchand College of Engineering, Sangli

Department of Computer Science and Engineering

Class: Third Year (Computer Science and Engineering)

Year: 2020-21

Semester: 2

Course: Advanced Web and Mobile Application Development Lab (4CS381)

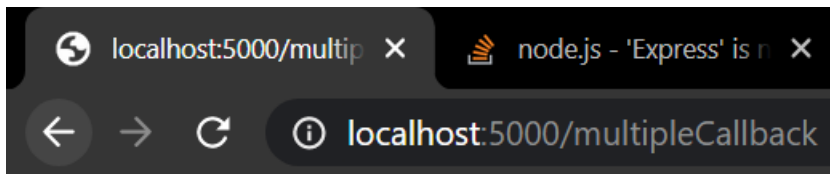
Practical No. 7

Exam Seat No:

2018BTECS00112 Shivam Chougule

Problem Statement 1:

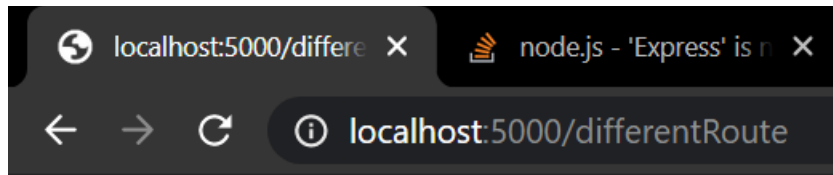
1. Write an Express app that uses the multiple call-back functions to handle a request.



Two Functions implemented

```
JS index.js X
D: > B.Tech > TY > SEM2 > AWAMAD > P7 > JS index.js > ...
1  const express = require('express')
2  const app = express();
3
4  app.get('/multipleCallback', function (req, res, next) {
5      console.log('This is first Function')
6      next()
7  }, function (req, res) {
8      console.log('This is second Function')
9      res.send('Two Functions implemented')
10     })
11
12
13
14
15
16  app.listen(5000, () => console.log("Listening on port 5000"))
```

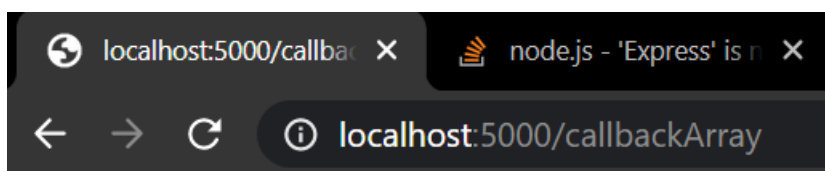
1. Use different routes to show the use of call-back functions.



This is differentRoute

```
JS index.js X
D: > B.Tech > TY > SEM2 > AWAMAD > P7 > JS index.js > ...
1  const express = require('express')
2  const app = express();
3
4  app.get('/multipleCallback', function (req, res, next) {
5    console.log('This is first Function')
6    next()
7
8  }, function (req, res) {
9    console.log('This is second Function')
10   res.send('Two Functions implemented')
11 })
12
13
14 app.get('/differentRoute', function (req, res) {
15   console.log('This is Different Route')
16   res.send('This is differentRoute')
17 })
18
19
20 app.listen(5000, () => console.log("Listening on port 5000"))
```

3. Use at least two call-back functions.
4. Use array of functions as an argument



Last Function Executed

C:\Windows\System32\cmd.exe - nodemon index

```
[nodemon] restarting due to changes...
[nodemon] restarting due to changes...
[nodemon] starting `node index index.js`
Listening on port 5000
[nodemon] restarting due to changes...
[nodemon] restarting due to changes...
[nodemon] starting `node index index.js`
Listening on port 5000
This is first Function
This is second Function
[nodemon] restarting due to changes...
[nodemon] restarting due to changes...
[nodemon] starting `node index index.js`
Listening on port 5000
This is Different Route
[nodemon] restarting due to changes...
[nodemon] restarting due to changes...
[nodemon] starting `node index index.js`
Listening on port 5000
Callback Function No.1
Callback Function No.2
Callback Function No.2
```

```
JS index.js X
D: > B.Tech > TY > SEM2 > AWAMAD > P7 > JS index.js > [0] func2

13
14 app.get('/differentRoute', function (req, res) {
15     console.log('This is Different Route')
16     res.send('This is differentRoute')
17 })
18
19 var func1 = function (req, res, next) {
20     console.log('Callback Function No.1')
21     next()
22 }
23
24 var func2 = function (req, res, next) {
25     console.log('Callback Function No.2')
26     next()
27 }
28
29 var func3 = function (req, res) {
30     console.log('Callback Function No.2')
31     res.send('Last Function Executed')
32 }
33
34 app.get('/callbackArray', [func1, func2, func3])
35
36
37 app.listen(5000, () => console.log("Listening on port 5000"))
```

Github Link:

https://github.com/Shivam562000/AWAMAD_P7