

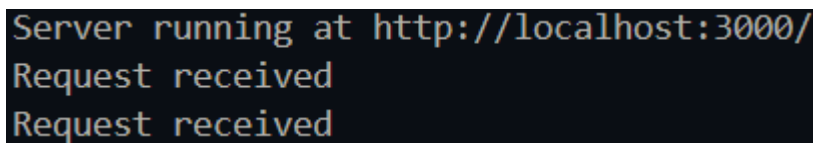
➤ **Lab-11**

- **1. Create a hello world webapp using “http” core module in NodeJS.**



```
const http = require('http');
const server = http.createServer((req, res) => {
  res.end('Hello World\n');
  console.log('Request received');
});  
//.listen(3000); another way Server listens on port 3000
const port = 3000;
server.listen(port, () => {
  console.log(`Server running at http://localhost:${port}/`);
});
```

Hello World



```
Server running at http://localhost:3000/
Request received
Request received
```

- **2. Create a webapp with 5 pages like about, contact etc. using “http” core module in NodeJS.**

```
const http=require('http');
const server=http.createServer((req,res)=>{
  if (req.url == '/') {
    res.end('Welcome to the homepage!');
  }
  else if (req.url == '/about') {
    res.end('Welcome to the Aboutpage!');
  }
  else if (req.url == '/contact') {
    res.end('Welcome to the Contactpage!');
  }
  else if (req.url == '/payment') {
    res.end('Welcome to the Paymentpage!');
  }
  else if (req.url == '/profile') {
    res.end('Welcome to the Profilepage!');
  }
  else{
    res.end('Sorry the doesnt exists');
  }
})
const port = 3000;
server.listen(port, () => {
  console.log(`Server running at http://localhost:${port}/`);
});
```

<http://localhost:3000/>

Welcome to the homepage!

<http://localhost:3000/about>

Welcome to the Aboutpage!

<http://localhost:3000/contact>

Welcome to the Contactpage!

<http://localhost:3000/payment>

Welcome to the Payment!

- **3. Create a webapp in NodeJS which reads files like about.txt, contact.txt and display it using http core module.**

```
const fs=require('fs')
const http=require('http')
const server=http.createServer((req,res)=>{
  if (req.url == '/') {
    res.end(fs.readFileSync('home.txt'))
  }
  else if (req.url == '/about') {
    res.end(fs.readFileSync('about.txt'))
  }
  else if (req.url == '/contact') {
    res.end(fs.readFileSync('contact.txt'))
  }
  else if (req.url == '/payment') {
    res.end(fs.readFileSync('payment.txt'))
  }
  else{
    res.end('Page not found')
  }
})
const port = 3000;
server.listen(port, () => {
  console.log(`Server running at http://localhost:${port}/`);
});
```

<http://localhost:3000/>

Hii there, this is Home.txt

<http://localhost:3000/about>

Hii there, this is about.txt

<http://localhost:3000/contact>

Hii there, this is contact.txt