



- **Lab-12**
- **1. Create a hello world webapp using ExpressJS.**



```
const express = require('express');
const app = express();
app.get('/', (req, res) => {
  res.send('Hello in the world of programming!');
}).listen(3000)
```

Hello in the world of programming

➤ **2. Create a webapp with 5 pages like about, contact etc.. using ExpressJS.**



```
const express = require("express");
const app = express();
const PORT = 4000;

app.get("/", (req, res) => {
  res.send("Welcome to the homepage!");
});
app.get("/about", (req, res) => {
  res.send("This is the about page.");
});
app.get("/contact", (req, res) => {
  res.send("This is the contact page.");
});
app.get("/cart", (req, res) => {
  res.send("This is the cart page.");
});
app.get("/payment", (req, res) => {
  res.send("This is the payment page.");
});

app.use((req, res) => {
  res.status(404).send("Sorry, that page does not exist.");
});

app.listen(PORT, () => {
  console.log(`Server is running at http://localhost:${PORT}`);
});
```

<http://localhost:3000/>

Welcome to the homepage!

<http://localhost:3000/about>

This is the About page.

<http://localhost:3000/contact>

This is the Contact page.

<http://localhost:3000/payment>

This is the Payment page.

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

```
const express = require('express');
const fs = require('fs');
const app = express();
const PORT = 3000;

app.get('/', (req, res) => {
  fs.readFile('Demo.txt', (err, data) => {
    if (err) {
      res.status(500).send(err);
    } else {
      res.status(200).type('text/html').send(data);
    }
  });
});

app.get('/about', (req, res) => {
  fs.readFile('about.txt', (err, data) => {
    if (err) {
      res.status(500).send(err);
    } else {
      res.status(200).type('text/html').send(data);
    }
  });
});
```

```
app.get('/contact', (req, res) => {  
  fs.readFile('contact.txt', (err, data) => {  
    if (err) {  
      res.status(500).send(err);  
    } else {  
      res.status(200).type('text/html').send(data);  
    }  
  });  
});  
  
app.listen(PORT, () => {  
  console.log(`Server started on port ${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