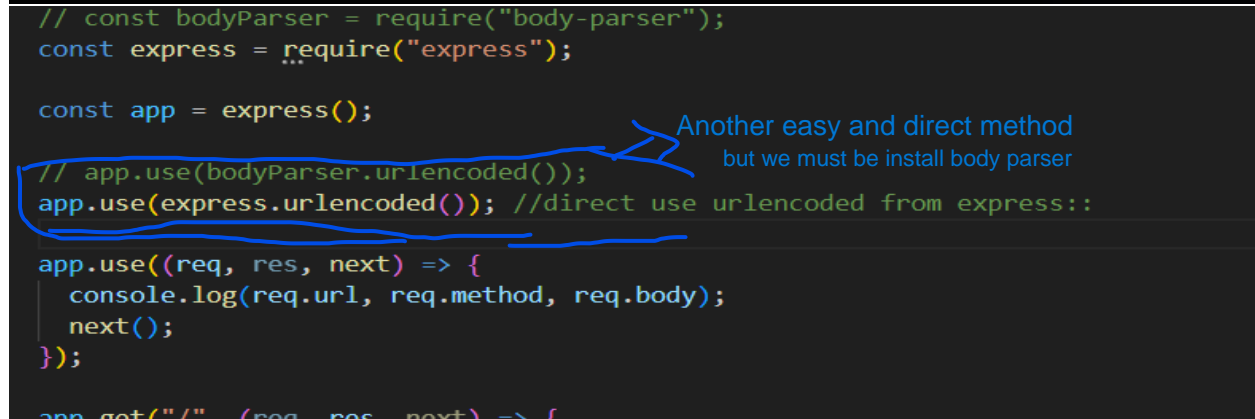
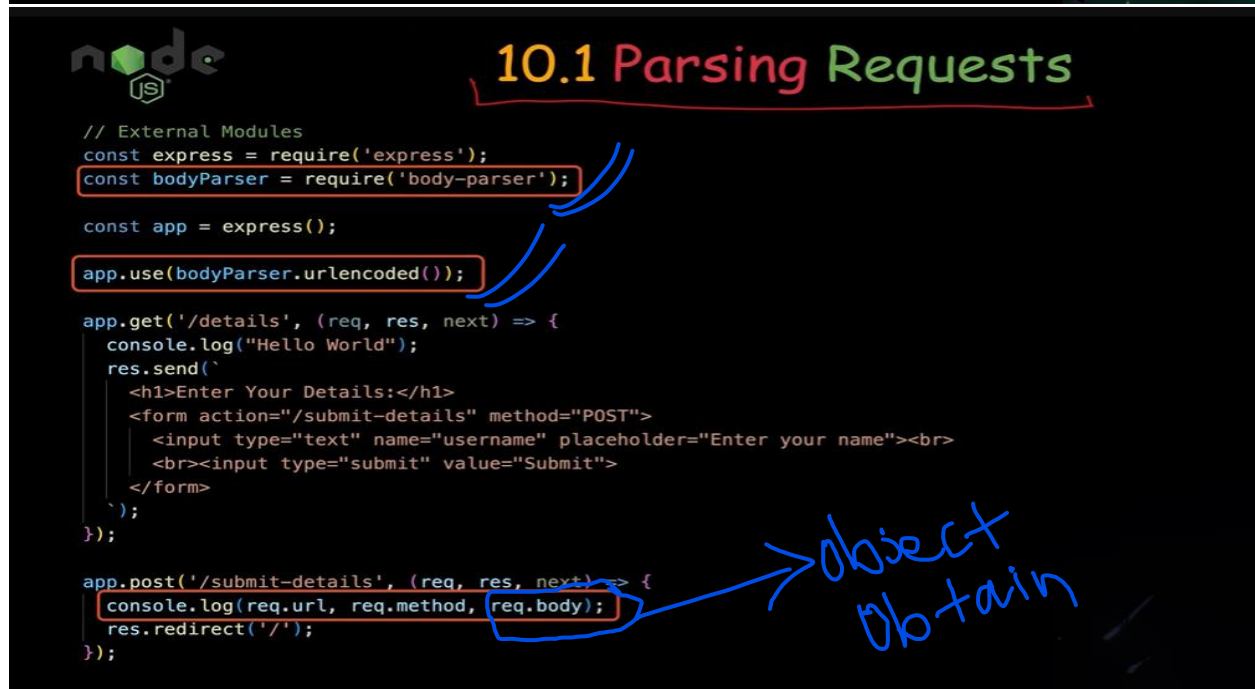
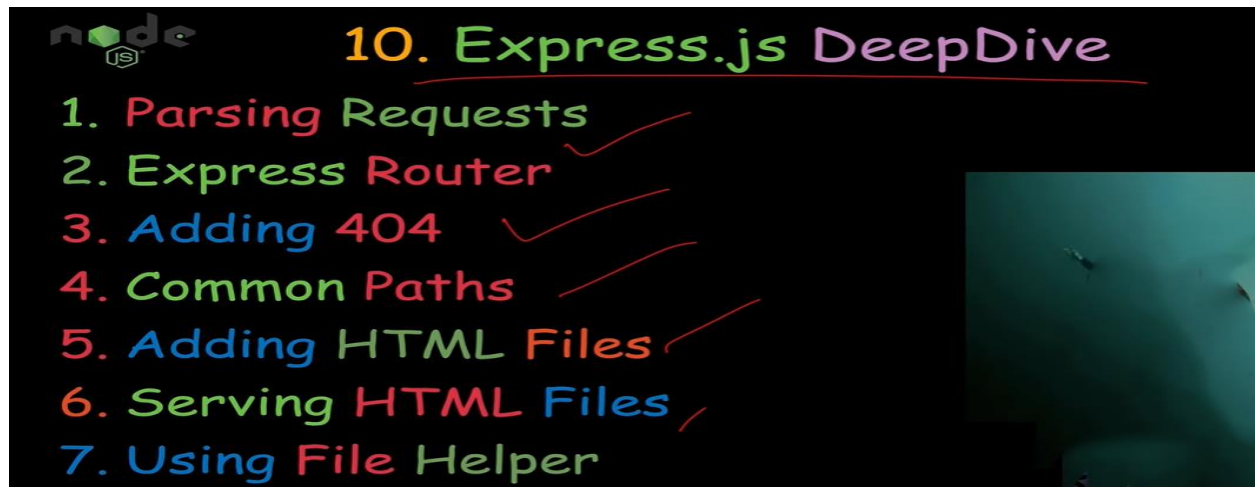


Express DeepDive :: Body parser, expressRouter, html file





10.2 Express Router

node > air-bnb > routes > user.js > ...

```
1 // External Modules
2 const express = require('express');
3 const userRouter = express.Router();
4
5 userRouter.use('/', (req, res, next) => {
6   console.log("Second Middleware", req.url, req.method);
7   res.send(`
8     <h2>Welcome to AirBnb</h2>
9     <a href="/add-home">Register Your Home on AirBnb</a>
10  `);
11 });
12
13 module.exports = userRouter;
```

core module



10.2 Express Router

EXP

node > air-bnb > app.js > ...

```
1 // External Modules
2 const express = require('express');
3 // Local Modules
4 const hostRouter = require('./routes/host');
5 const userRouter = require('./routes/user');
6
7 const app = express();
8
9 app.use(express.urlencoded({extended:true}));
10 app.use(hostRouter);
11 app.use(userRouter);
12
13 const PORT = 3000;
14 app.listen(PORT, () => {
15   console.log(`Server running at http://localhost:${PORT}`);
16 });
```



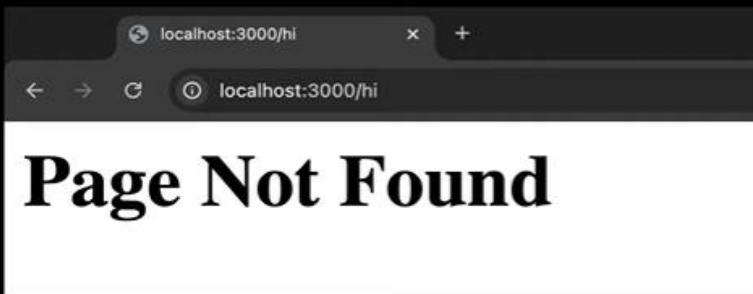
10.3 Adding 404

```
app.use(express.urlencoded({extended:true}));

app.use(hostRouter);
app.use(userRouter);

app.use((req, res, next) => {
  res.status(404).send('<h1>Page Not Found</h1>');
});

const PORT = 3000;
app.listen(PORT, () => {
  console.log(`Server running at http://localhost:${PORT}/`);
});
```



10.4 Common Paths

EXPRESS Js

```
// GET path
router.get('/host/add-home', (req, res, next) => {
  res.send(`
    <h1>Register Your Home on AirBnB</h1>
    <form action="/add-home" method="POST">
      <input type="text" name="houseName"
        placeholder="Enter your House Name"><br>
      <br><input type="submit" value="Submit">
    </form>
  `);
});
```

or

```
const app = express();

app.use(express.urlencoded({extended:true}));

app.use("/host", hostRouter);
app.use("/user", userRouter);

app.use((req, res, next) => {
  res.status(404).send('<h1>Page Not Found</h1>');
});
```

```
// POST path
router.post('/host/add-home', (req, res, next) => {
  console.log("Post Request details", req.url, req.
    method, req.body);
  res.redirect('/');
});
```



10.5 Adding HTML Files

EXPRESS Js

```
airbnb > routes > JS host.js > ...  
<!DOCTYPE html>  
<html lang="en">  
  <head>  
    <meta charset="UTF-8" />  
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />  
    <title>airbnb</title>  
  </head>  
  <body>  
    <header>  
      <nav>  
        <ul>  
          <li><a href="/">Go to Home</a></li>  
          <li><a href="/host/add-home">Add Home</a></li>  
        </ul>  
      </nav>  
    </header>  
    <main>  
      <h1>Register Your Home on Airbnb</h1>  
      <form action="/host/add-home" method="POST">  
        <input type="text" name="houseName" placeholder="Enter your House Name" />  
        <br />  
        <input type="submit" value="Submit" />  
      </form>  
    </main>  
  </body>  
</html>
```

9-airbnbProject-2

node_modules

routes

hostRouter.js

userRouter.js

utils

pathUtils.js

views

404.html

addedHome.html

addHome.html

home.html

app.js

package-lock.json

package.json



10.6 Serving HTML Files

EXPRESS Js

air-bnb > routes > JS host.js > ...

```
// Core Modules  
const path = require('path');  
  
// External Modules  
const express = require('express');  
  
const router = express.Router();  
  
// GET path  
router.get('/add-home', (req, res, next) => {  
  res.sendFile(path.join(__dirname, '../', 'views', 'home.html'));  
});
```



10.7 Using File Helper

air-bnb > util > JS path.js > ...

```
// Core Modules  
const path = require('path');  
  
module.exports = path.dirname(require.main.filename);  
  
// Local Modules  
const rootDir = require('../util/path');  
  
userRouter.get('/', (req, res, next) => {  
  console.log("Second Middleware", req.url, req.method);  
  res.sendFile(path.join(rootDir, 'views', 'user.html'));  
});
```