Experiment 8
Routes Order and Star Route

Experiment 8: Routes Order and Star Route
Lab Objective: Set up a Routes Order and Star Route

Step 1: Create an Express Application:

```
● PS C:\Users\91959\Desktop\Collage\3rd_year\Gulsan_Sir\Backend\my-node-app> npm init -y
 Wrote to C:\Users\91959\Desktop\Collage\3rd_year\Gulsan_Sir\Backend\my-node-app\package.json:

 {
   "name": "my-node-app",
   "version": "1.0.0",
   "description": "",
   "main": "index.js",
   "scripts": {
     "test": "echo \"Error: no test specified\" && exit 1"
   },
   "keywords": [],
   "author": "",
   "license": "ISC",
   "type": "commonjs"
 }
```

```
PS C:\Users\91959\Desktop\Collage\3rd_year\Gulsan_Sir\Backend\my-node-app> npm install express ejs

added 8 packages, and audited 76 packages in 2s

14 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
```
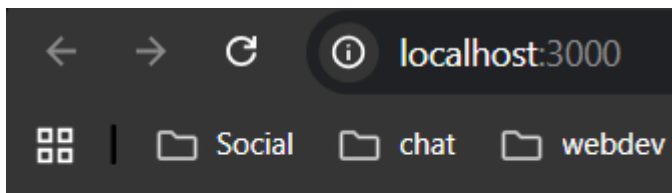
Step 2: Define Routes in a Specific Order:
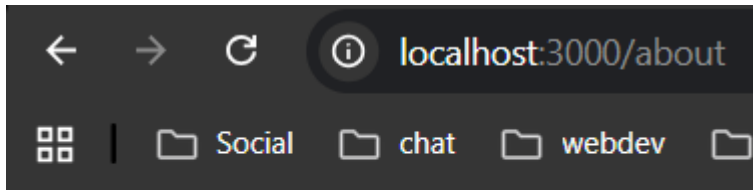
```
1   app.get('/', (req, res) => {
2       res.send('Home Page');
3   });
4   app.get('/about', (req, res) => {
5       res.send('About Page');
6   });
7   app.get('/contact', (req, res) => {
8       res.send('Contact Page');
9   });
```
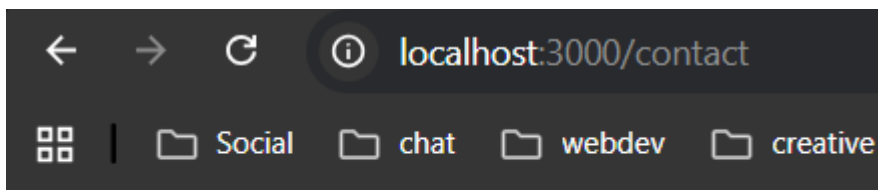
Step 3: Test Route Order:
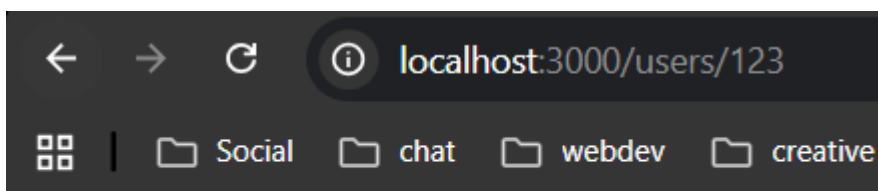
localhost:3000

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Home Page

localhost:3000/about

Social   chat   webdev

About Page

localhost:3000/contact

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Contact Page

Step 4: Introduce Route Parameters:

```
1  app.get('/users/:id', (req, res) => {
2      res.send(`User ID: ${req.params.id}`);
3  });
```

localhost:3000/users/123
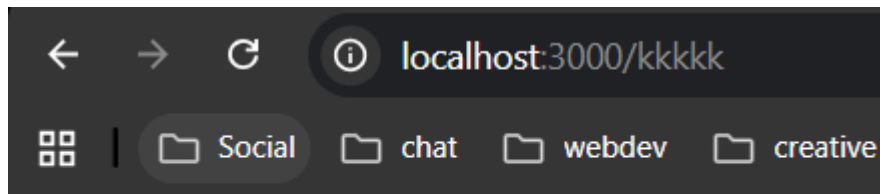
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User ID: 123

Step 5: Implement Star Route (*):

```
1   // Remove the app.get('*', ...) line and replace with:
2   app.use((req, res) => {
3       res.status(404).send('404 Page Not Found');
4   });
5
```

Step 6: Test the Star Route:

localhost:3000/kkkkk

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404 Page Not Found