(To be filled by Student)

Submitted by: Puja Mavadhiya

Roll no: 21BCP446D

Objective: Building a Web Server with Express.js

Experiment 2: Implement with routing methods (GET and POST) and also implement one built-in middleware, configurable middleware and one third party middleware (Cookie-Parser).

Hint: You can also use the function validate cookie in third party middleware.

Note: Please include snapshots of all commands, terminal sessions, localhost outputs, and log files in your documentation.

Configure middleware:

```javascript
const express = require('express');

const app = express();
const port = 3000;

app.use(function(req, res, next){
  console.log("start");
  next();
});

app.get('/',function(req,res,next){
  res.send("Middle")
  next();
});

app.use('/', function(req,res){
  console.log('End');
});

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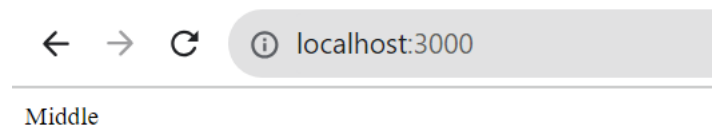
```
    console.log(`Server is running at http://localhost:${port}`);
});
```

Middle

Routing methods:

Form.html:

```html
<html>
    <head>

    </head>
    <body>
        <form action="/submit" method="post">
            <label for="name">Name:</label>
            <input type="text" id="name" name="name" required></br></br>

            <label for="rollNo">Roll Number:</label>
            <input type="text" id="rollNo" name="rollNo" required>
        </br></br>

            <button type="submit">Submit</button>
        </form>
    </body>
</html>
```

Index.js:

```js
const express = require('express');
const bodyParser = require('body-parser');

const app = express();
const port = 3000;

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

app.get('/', (req, res) => {
    res.sendFile(__dirname + '/form.html');
});

app.post('/submit', (req, res) => {
    const name = req.body.name;
    const rollNo = req.body.rollNo;
```

```
    console.log('Name:', name);
    console.log('Roll Number:', rollNo);

    res.send('Hello'+name+ 'Roll no '+rollNo+'form submitted sucessfully');
});

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

← → C ⓘ localhost:3000

Name: Puja

Roll Number: 21BCP446D

Submit

← → C ⓘ localhost:3000/submit

HelloPujaRoll no 21BCP446Dform submitted sucessfully