Practical 6 Part 2

Exercise- Create an express application to send user information from form using GET and POST methods.

Program 1: Form with GET() method

register.html

```html
<h1>Register</h1>

<form action="formSubmit" method="get">
  <table>
    <tr>
      <td>Roll No</td>
      <td><input type="text" name="rno" placeholder="Enter Roll No"></td>
    </tr>

    <tr>
      <td>Name</td>
      <td><input type="text" name="name" placeholder="Enter name"></td>
    </tr>

    <tr>
      <td>Address</td>
      <td><input type="text" name="address" placeholder="Enter address"></td>
    </tr>

    <tr>
      <td>Email</td>
      <td><input type="email" name="email" placeholder="Enter Email"></td>
    </tr>
    <tr>
      <td>Mobile</td>
      <td><input type="text" name="mobile" placeholder="Enter Mobile No"></td>

    </tr>
    <tr>
      <td><input type="submit"></td>
    </tr>

  </table>
</form>
```

get.js

```
const express=require('express');
var app=express();

app.get('/register',function(req,res){
    res.sendFile(__dirname + '/register.html');

});

app.get('/formSubmit',function(req,res){
  // res.send(req.query.name);

    const rno = req.query.rno;
    const name = req.query.name;
    const address = req.query.address;
    const email = req.query.email;
    const mobile = req.query.mobile;
   res.send(`Roll Number: ${rno}<br> Name: ${name}<br> Address: ${address}<br>
  Email: ${email}<br> Mobile No: ${mobile}`);
});

app.listen(7000);
```

Output:

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

PS D:\MCA\WT\P6_EXPRESS> node get.js

← → C ⓘ localhost:7000/register

Register

Roll No 1
Name XYZ
Address Ratnagiri
Email XYZ@gmail.com
Mobile 1234567899
Submit

Roll Number: 1
Name: XYZ
Address: Ratnagiri
Email: XYZ@gmail.com
Mobile No: 1234567899

Program 2: Form with POST() method

register.html
```
<h1>Register</h1>

<form action="formSubmit" method="post">
   <table>
      <tr>
         <td>Roll No</td>
         <td><input type="text" name="rno" placeholder="Enter Roll No"></td>
      </tr>

      <tr>
         <td>Name</td>
         <td><input type="text" name="name" placeholder="Enter name"></td>
      </tr>
      <tr>
         <td>Address</td>
         <td><input type="text" name="address" placeholder="Enter address"></td>
      </tr>
      <tr>
         <td>Email</td>
         <td><input type="email" name="email" placeholder="Enter Email"></td>
      </tr>
      <tr>
         <td>Mobile</td>
         <td><input type="text" name="mobile" placeholder="Enter Mobile
No"></td>
      </tr>
      <tr>
         <td><input type="submit"></td>
      </tr>

   </table>
</form>
```

post.js

```
const express=require('express');
var app=express();

var bp=require('body-parser');
app.use(bp.json());
app.use(bp.urlencoded({extended:true}))

app.get('/register',function(req,res){
   res.sendFile(__dirname + '/register.html');
});
```

```
app.post('/formSubmit',function(req,res){
   //res.send(req.body.name);
   const rno = req.body.rno;
   const name = req.body.name;
   const address = req.body.address;
   const email = req.body.email;
   const mobile = req.body.mobile;
   res.send(`Roll Number: ${rno}<br> Name: ${name}<br> Address: ${address}<br>
Email: ${email}<br> Mobile No: ${mobile}`);
});
app.listen(7000);
```

Output:

PROBLEMS	OUTPUT	DEBUG CONSOLE	TERMINAL	PORTS

```
PS D:\MCA\WT\P6_EXPRESS> node post.js
```

← → C ⓘ localhost:7000/register

Register

Roll No [1]
Name [XYZ]
Address [Ratnagiri]
Email [XYZ@gmail.com]
Mobile [1234567899]
[Submit]

← C ⓘ localhost:7000/formSubmit

Roll Number: 1
Name: XYZ
Address: Ratnagiri
Email: XYZ@gmail.com
Mobile No: 1234567899