**PROGRAM:**

**nodeget.js**

//import require from 'requirejs';

var http=require("http");

var url=require("url");

var querystring=require("querystring");

function onRequest(req,res)

{

var path=url.parse(req.url).pathname;

console.log('Request for '+path+'received');

var query=url.parse(req.url).query;

console.log(query);

var name=querystring.parse(query)["username"];

var email=querystring.parse(query)["email"];

var pass=querystring.parse(query)["pass"];

var father=querystring.parse(query)["father"];

var mother=querystring.parse(query)["mother"];

var phn=querystring.parse(query)["phone"];

var age=querystring.parse(query)["age"];

var gender=querystring.parse(query)["radio1"];

var add=querystring.parse(query)["address"];

res.write("<style>");

res.write("div{background-color: aqua;color: brown;}h1{background-color:white;color:blue;}");

res.write("</style>");

res.write("<body></body>")

res.write("<center><div><img src='https://static.vecteezy.com/system/resources/thumbnails/005/502/055/small/logotype-letter-login-logo-design-graphic-symbol-icon-sign-illustration-creative-idea-vector.jpg' width='10%'><h2>Login Details</h2></div></center>");

res.write("</h1>Name : </h1>"+name);

res.write("</h1>Email : </h1>"+email);

res.write("</h1>Father's Name : </h1>"+father);

res.write("</h1>Mother's Name : </h1>"+mother);

res.write("</h1>Mobile number : </h1>"+phn);

res.write("</h1>Age : </h1>"+age);

res.write("</h1>Gender : </h1>"+gender);

res.write("</h1>Address : </h1>"+add);

res.end();

}

http.createServer(onRequest).listen(8000);

console.log('server has started');

**login.html(get)**

<html>

<head>

<title> GET METHOD</title>

<style>

.div{

background-color: aqua;

color: brown;

}

body{

background-color: black;

color: white;

}

.dic1{

font-size: larger;

font-family: 'Times New Roman', Times, serif;

font-style: italic;

font-weight: bold;

color:white;

}

</style>

</head>

<body>

<form action="http://localhost:8000/login" method="get">

<center><div class="div">

<img src="https://static.vecteezy.com/system/resources/thumbnails/005/502/055/small/logotype-letter-login-logo-design-graphic-symbol-icon-sign-illustration-creative-idea-vector.jpg" width="10%">

<h1>LOGIN</h1></div></center><div class="dic1">

Enter your name :<input type="text" name="username" value=""><br><br>

Enter your email:<input type="text" name="email" value=""><br><br>

Enter password:<input type="text" name="pass"><br><br>

Enter Father's Name:<input type="text" name="father"><br><br>

Enter Mother's Name:<input type="text" name="mother"><br><br>

Enter Mobile Number:<input type="number" name="phone"><br><br>

Age:<input type="number" name="age"><br><br>

Gender:<br>

<input type="radio" name="radio1" value="Male">Male<br>

<input type="radio" name="radio1" value="Female">Female<br>

Address:<br>

<input type="text-area" name="address" width="10%" height="10%"><br>

<center><input type="submit" name="login" value="login"></center></div>

</form>

</body>

</html>

**nodepost.js**

//import require from 'requirejs';

var http=require("http");

var querystring=require("querystring");

var qs,name,email;

function onRequest(req,res)

{

var data1='';

req.on('data',function(chunk)

{

console.log(chunk);

data1+=chunk;

console.log("data string format</h1>"+data1);

});

req.on('end',function()

{

qs=querystring.parse(data1);

console.log(qs);

name=qs['username'];

email=qs['email'];

father=qs['father'];

mother=qs['mother'];

phn=qs['phone'];

age=qs['age'];

gender=qs['radio1'];

add=qs['address'];

res.write("<style>");

res.write("div{background-color: aqua;color: brown;}h1{background-color:white;color:blue;}");

res.write("</style>");

res.write("<body></body>")

res.write("<center><div><img src='https://static.vecteezy.com/system/resources/thumbnails/005/502/055/small/logotype-letter-login-logo-design-graphic-symbol-icon-sign-illustration-creative-idea-vector.jpg' width='10%'><h2>Login Details</h2></div></center>");

res.write("</h1>Name : </h1>"+name);

res.write("</h1>Email : </h1>"+email);

res.write("</h1>Father's Name : </h1>"+father);

res.write("</h1>Mother's Name : </h1>"+mother);

res.write("</h1>Mobile number : </h1>"+phn);

res.write("</h1>Age : </h1>"+age);

res.write("</h1>Gender : </h1>"+gender);

res.write("</h1>Address : </h1>"+add);

res.end();

});

}

http.createServer(onRequest).listen(7777);

console.log('server has started');

**login.html(post)**

<html>

<head>

<title> GET METHOD</title>

<style>

.div{

background-color: aqua;

color: brown;

}

body{

background-color: black;

color: white;

}

.dic1{

font-size: larger;

font-family: 'Times New Roman', Times, serif;

font-style: italic;

font-weight: bold;

color:white;

}

</style>

</head>

<body>

<form action="http://localhost:7777/login" method="post">

<center><div class="div">

<img src="https://static.vecteezy.com/system/resources/thumbnails/005/502/055/small/logotype-letter-login-logo-design-graphic-symbol-icon-sign-illustration-creative-idea-vector.jpg" width="10%">

<h1>LOGIN</h1></div></center><div class="dic1">

Enter your name :<input type="text" name="username" value=""><br><br>

Enter your email:<input type="text" name="email" value=""><br><br>

Enter password:<input type="text" name="pass"><br><br>

Enter Father's Name:<input type="text" name="father"><br><br>

Enter Mother's Name:<input type="text" name="mother"><br><br>

Enter Mobile Number:<input type="number" name="phone"><br><br>

Age:<input type="number" name="age"><br><br>

Gender:<br>

<input type="radio" name="radio1" value="Male">Male<br>

<input type="radio" name="radio1" value="Female">Female<br>

Address:<br>

<input type="text-area" name="address" width="10%" height="10%"><br>

<center><input type="submit" name="login" value="login"></center></div>

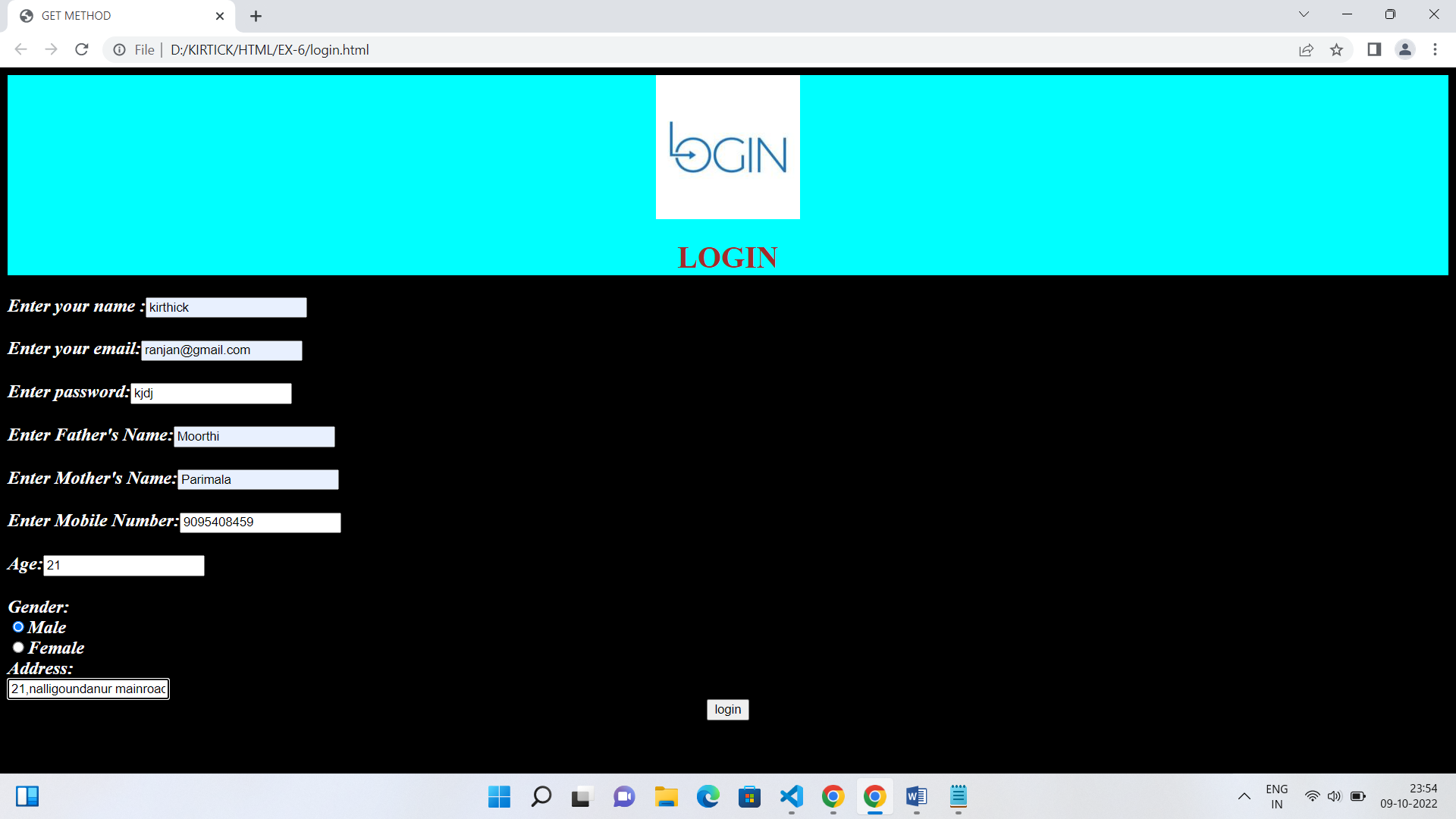
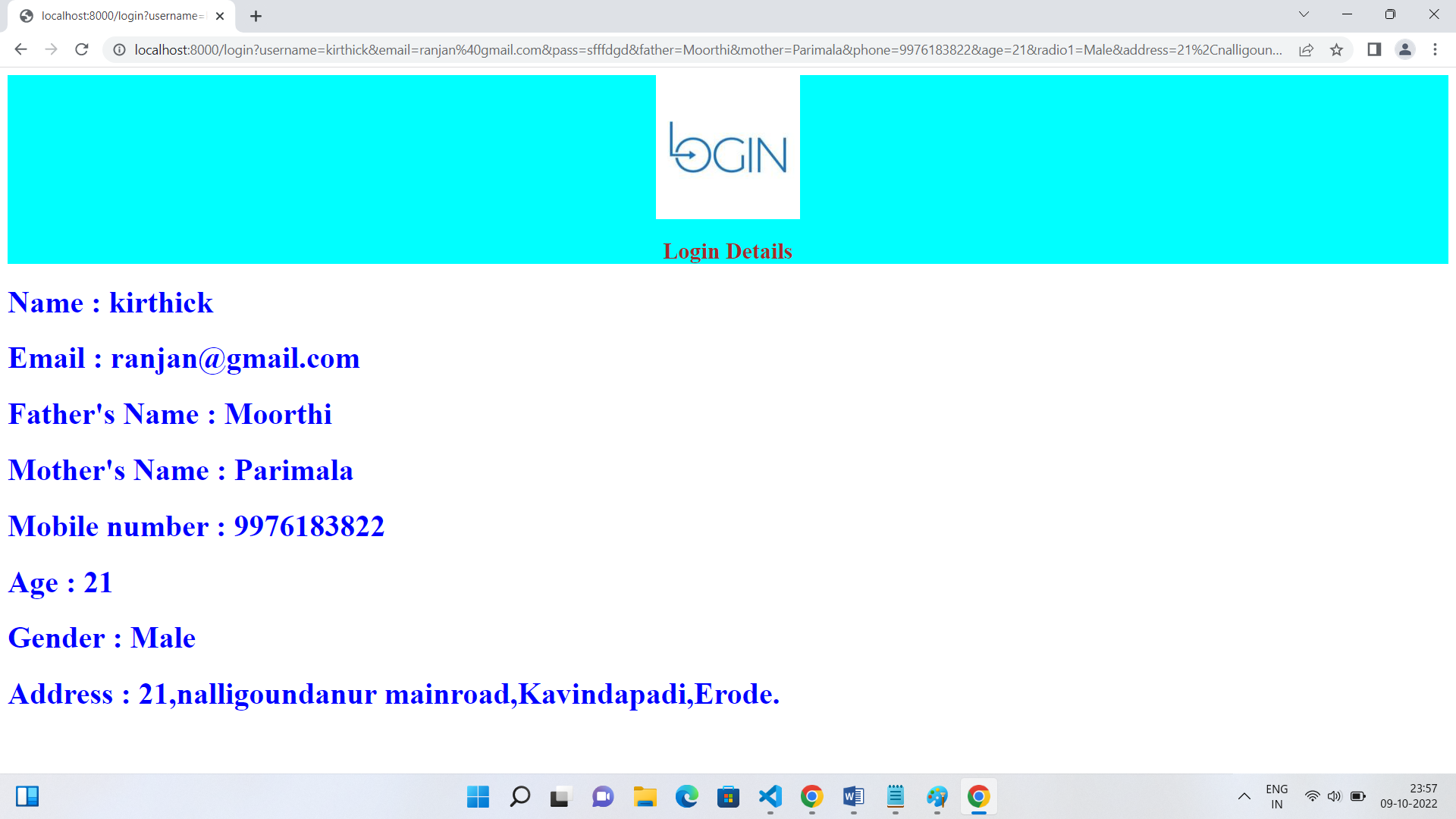
</form>

</body>

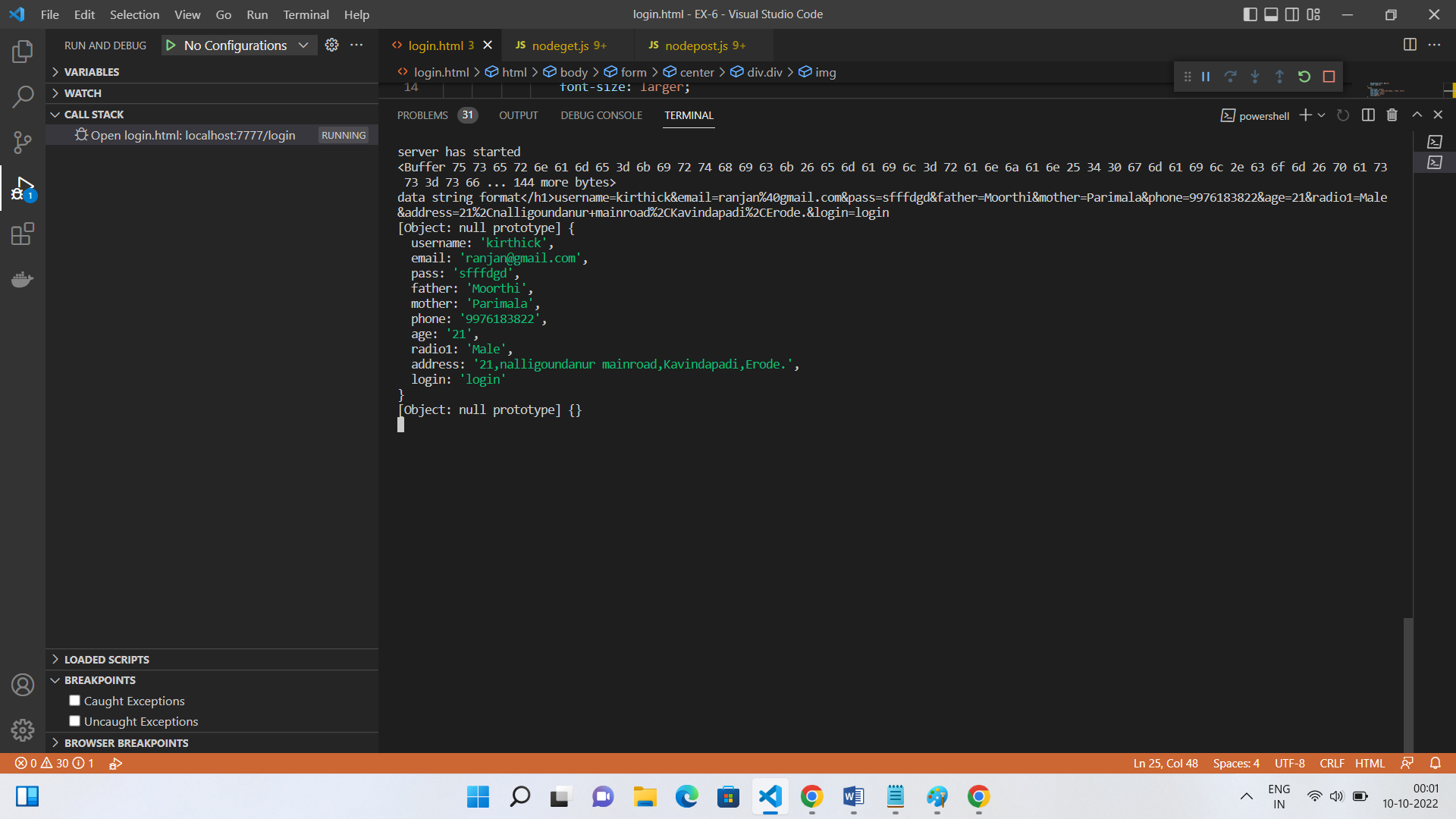
</html>

**OUTPUT:**

**GET METHOD:**

**POST METHOD:**



|  |  |  |
| --- | --- | --- |
| **COE** | **20** |  |
| **Record** | **15** |  |
| **Viva** | **15** |  |
| **Total** | **50** |  |

**RESULT:**