Aim: Write a program to concatenate two strings entered by the user using REST API and express.

Code:

Index.html:

```html
<!DOCTYPE html>
<html lang="en">
 <head>
   <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css">
   <title>Concatenate two strings</title>
 </head>
 <body>
  <br><br><br>


  <div class="card mx-auto" style="width: 18rem;" id="formCARD">
   <div class="card-body">
    <h5 class="card-title">Concatenate Two Strings</h5>
    <p class="card-text">Enter any two strings to concatenate. Both strings are required.</p>
    <form action="/svc/concat" method="get" class="form1">
     <input name="string1" type="text" placeholder="Enter a string" required/><br><br>
     <input name="string2" type="text" placeholder="Enter a string" required /><br><br>
     <center>  <button type="submit" class="btn btn-primary">Submit</button></center>
    </form>
   </div>
  </div>
 </body>
</html>
```

Index.css:

```css
body {

   margin: auto;

   padding: auto;

   background: linear-gradient(90deg, rgb(234, 75, 194) 0%, rgb(175, 71, 212) 35%, rgba(0,212,255,1)
100%);

 }
```
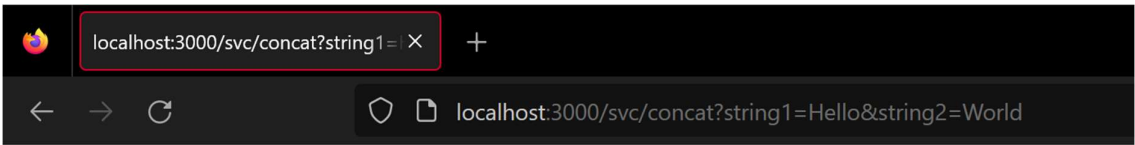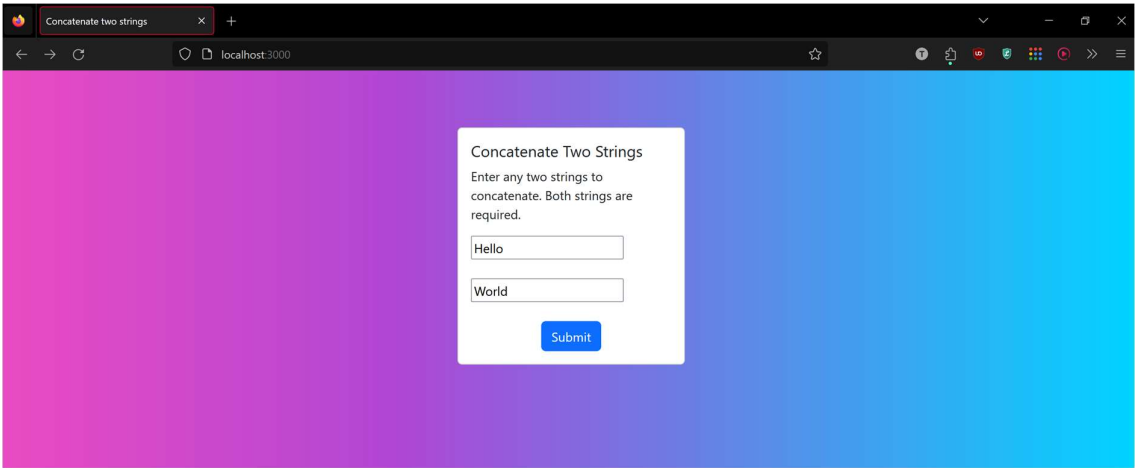
Service.js:

```javascript
function concat(req, res) {

   var fn = req.query.string1;

   var fn2 = req.query.string2;

   res.send(fn + " " +  fn2);

 }

 var attachService = function (app) {

   app.get("/svc/concat", concat);

 };

 exports.attachService = attachService;
```

Server.js:

```javascript
var express = require("express"),

  bodyParser = require("body-parser"),

  app = express(),

  service = require("./service.js");

app.use(bodyParser.json());

app.use(express.static("../public"));

service.attachService(app);

app.listen(3000);

console.log("server at http://localhost:3000");
```

Output:

Hello World