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

**Code:**

**Index.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:**

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:**

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:**

var express = require("express"),

  bodyParser = require("body-parser"),

  app = express(),

  service = require("./service.js");

app.use(bodyParser.json());

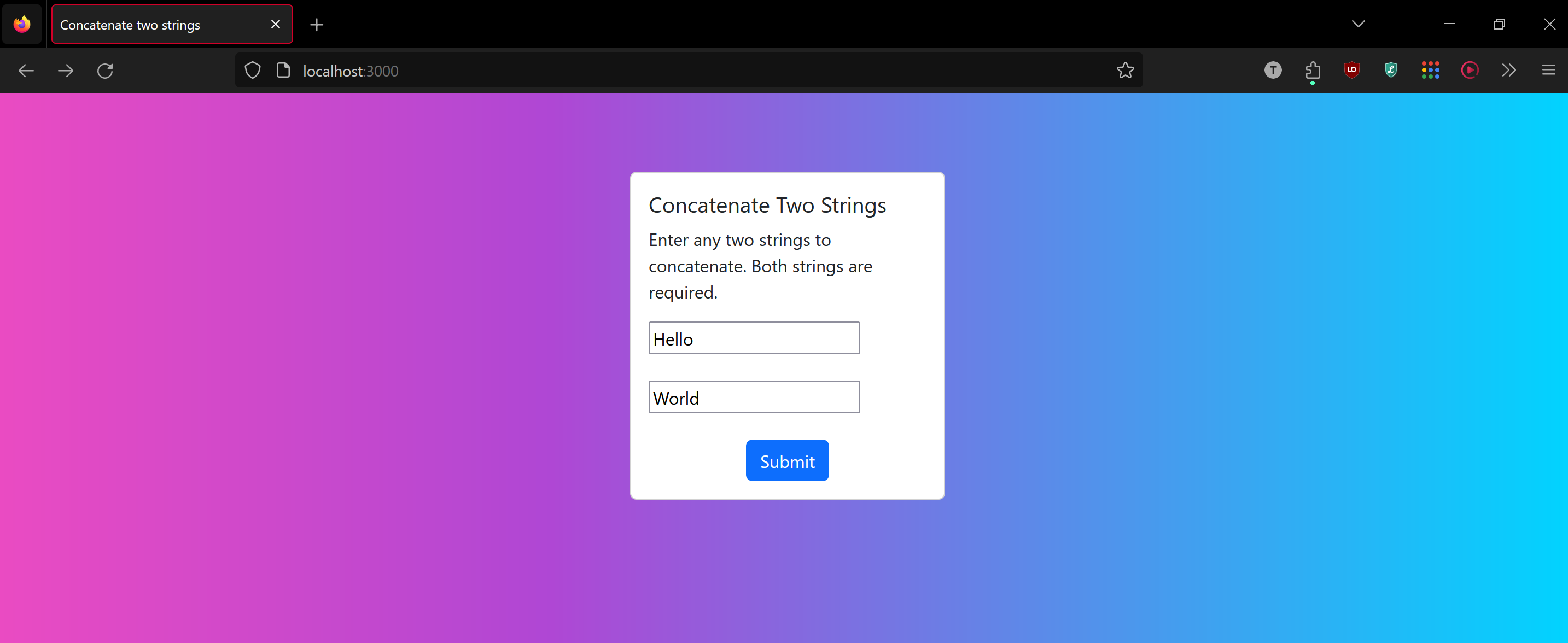
app.use(express.static("../public"));

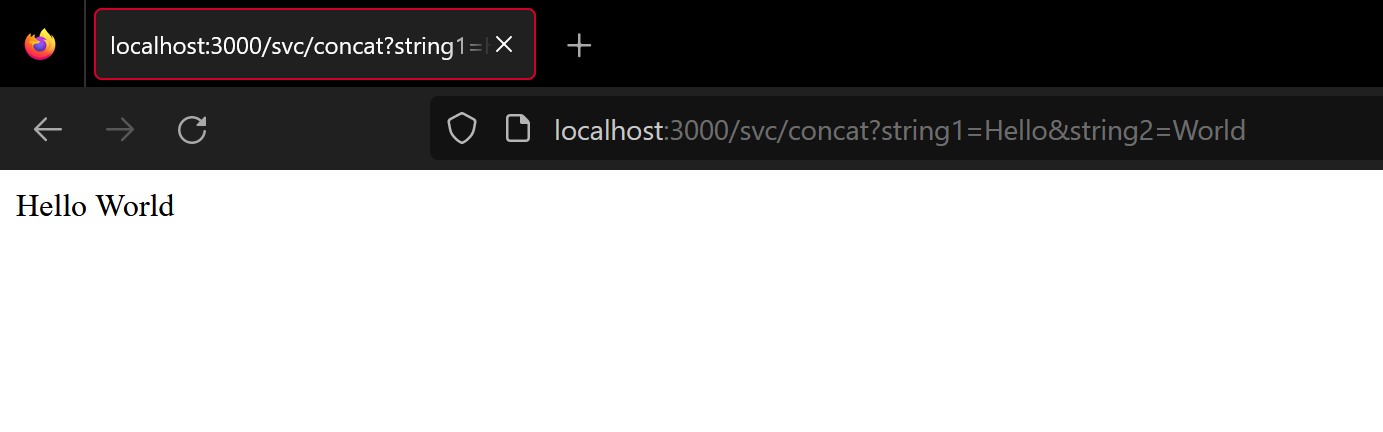
service.attachService(app);

app.listen(3000);

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

**Output:**

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